

Limington – Cornish

STP-9185(00)X

BEFORE SUBMITTING YOUR BID

- 1. Use pen and ink to complete the Bid.**
- 2. Have you signed and completed the Contract Agreement, Offer & Award Forms?**
- 3. As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book.**
- 4. Have you included prices for all Bid Items? (“Zero is not considered a bid price.”)**
- 5. Have you included a bid guarantee? Acceptable forms are:**
 - A. Bid Bond on the Department’s prescribed form for 5% of the Bid Amount. (Or forms that do not contain any significant variations from the Department’s forms as solely determined by the Department.)**
 - B. Official Bank Check, Cashier’s Check, Certified Check, U.S. Postal Money Order or Negotiable Certificate of Deposit in the amount stated in the Notice to Contractors.**
- 6. If the written Bid is to be sent, Federal Express overnight delivery is suggested as the package is delivered directly to the DOT Headquarters Building in Winthrop. Other means, such as U.S. Postal Services’ Express Mail has proven not to be reliable.**

AND FOR FEDERAL AID PROJECTS

- 7. Have you included your DBE Utilization commitment in the proper amounts and signed the DBE Certification?**

If you need further information regarding Bid preparation, call the DOT Contracts Section at (207)624-3430.

For complete specifications regarding bidding requirements, refer to Section 102 of the Maine Department of Transportation, Standard Specifications, Revision December 2002.

NOTICE

The Maine Department of Transportation is attempting to improve the way Bid Amendments/Addendums are handled, and allow for an electronic downloading of bid packages from our website, while continuing to maintain a planholders list.

Prospective bidders, subcontractors or suppliers who wish to download a copy of the bid package and receive a courtesy notification of project specific bid amendments, must provide an email address to Diane Barnes at the MDOT Contracts mailbox at: MDOT.contracts@maine.gov. Each bid package will require a separate request. Please provide us an email address, so we can maintain the planholders list that both the industry and MDOT uses.

Additionally, the new Acknowledgement of Bid Amendment form will be placed in MDOT bid packages beginning with the 2/12/03 advertisements. After that date, interested parties will be responsible for reviewing and retrieving the Bid Amendments from our web site, and acknowledging receipt and incorporating those Bid Amendments in their bids.

The downloading of bid packages from the MDOT website is not the same as providing an electronic bid to the Department. Electronic bids must be submitted via <http://www.BIDX.com>. For information on electronic bidding contract Rebecca Pooler at rebecca.pooler@maine.gov.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
Bid Guaranty-Bid Bond Form

KNOW ALL MEN BY THESE PRESENTS THAT _____

_____, of the City/Town of _____ and State of _____

as Principal, and _____ as Surety, a

Corporation duly organized under the laws of the State of _____ and having a usual place of

Business in _____ and hereby held and firmly bound unto the Treasurer of

the State of Maine in the sum of _____ for payment which Principal and Surety bind

themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

The condition of this obligation is that the Principal has submitted to the Maine Department of

Transportation, hereafter Department, a certain bid, attached hereto and incorporated as a

part herein, to enter into a written contract for the construction of _____

_____ and if the Department shall accept said bid

and the Principal shall execute and deliver a contract in the form attached hereto (properly

completed in accordance with said bid) and shall furnish bonds for this faithful performance of

said contract, and for the payment of all persons performing labor or furnishing material in

connection therewith, and shall in all other respects perform the agreement created by the

acceptance of said bid, then this obligation shall be null and void; otherwise it shall remain in full

force, and effect.

Signed and sealed this _____ day of _____ 20____

WITNESS:

WITNESS

PRINCIPAL:

By _____

By: _____

By: _____

SURETY:

By _____

By: _____

Name of Local Agency: _____

NOTICE

For security and other reasons, all Bid Packages which are mailed, shall be provided in double (one envelope inside the other) envelopes. The *Inner Envelope* shall have the following information provided on it:

Bid Enclosed - Do Not Open

PIN:

Town:

Date of Bid Opening:

Name of Contractor with mailing address and telephone number:

In Addition to the usual address information, the *Outer Envelope* should have written or typed on it:

Double Envelope: Bid Enclosed

PIN:

Town:

Date of Bid Opening:

Name of Contractor:

This should not be much of a change for those of you who use Federal Express or similar services.

Hand-carried Bids may be in one envelope as before, and should be marked with the following information:

Bid Enclosed: Do Not Open

PIN:

Town:

Name of Contractor:

INSTRUCTIONS FOR PREPARING THE CONTRACTOR'S DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION PLAN

The Contractor Shall:

1. Submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan to the Contract's Engineer by 4:30 P.M. on the Bid day.
2. Extend equal opportunity to MDOT certified DBE firms (as listed in MDOT's DBE Directory of Certified Businesses) in the selection and utilization of Subcontractors and Suppliers.

SPECIFIC INSTRUCTIONS FOR COMPLETING THE FORM:

Insert Contractor name, the name of the person(s) preparing the form, and that person(s) telephone and fax number.

Provide total Bid price, Federal Project Identification Number, and location of the Project work.

In the columns, name each DBE firm to be used, provide the Unit or Item cost of the Work/Product to be provided by the DBE firm, give a brief description of the Work, and the dollar value of the Work.

If no DBE firm is to be utilized, the Contractor must document the reason(s) why no DBE firms are being used. Specific supporting evidence of good faith efforts taken by Contractors to solicit DBE Bidders must be attached. This evidence, as a minimum, includes phone logs, e-mail and/or mail DBE solicitation records, and the documented results of these solicitations.

NOTICE

The Department has revised the Disadvantaged Business Enterprise Proposed Utilization form and the procedure that has been used for the past several months for Contractors to submit the form.

The Apparent Low Bidder now must submit the form by close of Business (4:30 P.M.) on Bid day.

The new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan form contains additional information that is required by USDOT.

The Disadvantaged Business Enterprise Proposed Utilization Plan form will no longer be used. The new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan form must be used.

A copy of the new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan and instructions for completing it are attached.

Note: Questions about DBE firms, or to obtain a printed copy of the DBE Directory, contact Equal Opportunity at (207) 624-3066.

MDOTs DBE Directory of Certified firms can also be obtained at http://www.state.me.us/mdot/humnres/o_equalo/cdwbed_h.htm

NOTICE

Bidders:

Please use the attached “Request for Information” form when faxing questions and comments concerning specific Contracts that have been Advertised for Bid. Include additional numbered pages as required.

REQUEST FOR INFORMATION

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Bid Date: _____ **Fax:** (____) _____

RFI No: _____ RFI received: _____

Response:_____

[illegible]

Response By:_____ Date:_____

CONTRACTOR'S DISADVANTAGED BUSINESS ENTERPRISE PROPOSED UTILIZATION PLAN

Low Bidder shall furnish completed form to Contracts Section by 4:30 P.M. on Bid Opening day.

TO: MDOT Contracts Section
16 State House Station,
Augusta, Me 04333-0016
or
Fax: 207-624-3431

Contractor: _____

Prepared by: _____

Telephone: _____ Fax: _____

BID PRICE: \$ _____ FEDERAL PROJECT # _____ LOCATION: _____

TOTAL DBE PARTICIPATION AS A PERCENT OF TOTAL BID PRICE = _____ %

DBE Firm*	Unit/Item Cost	Unit #	Description of work & Item Number	Actual \$ Value
Total >				

If no DBE firm(s) are used, bidder must document efforts made to secure DBE participation and attach supporting evidence of this effort:

_____.

Examples: Bidder relies wholly upon low quote subcontractor section, DBE firm(s) were not low quote.
No DBE firms bid.

*Only DBE firms certified by MDOT prior to bidding can be utilized by Contractor for DBE credit.
Directory of certified DBEs is available on MDOT's website: www.state.me.us/mdot

Equal Opportunity Use:

Plan received ____/____/____ Verified by: _____ Action: _____



Office of Human Resources

Equal Opportunity

MAINE DEPARTMENT OF TRANSPORTATION

Certified Disadvantaged and Women Business Enterprise

DBE DIRECTORY - MINORITY OWNED

WBE DIRECTORY - WOMEN OWNED

WEBSITE FOR DIRECTORY CAN BE FOUND AT:

http://www.state.me.us/mdot/humnres/o_equalo/cdwbed_h.htm

It is the responsibility of the Contractor to access the DBE Directory at this site in order to have the most current listings.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION NOTICE TO CONTRACTORS

Sealed Bids addressed to the Maine Department of Transportation, Augusta, Maine 04333 and endorsed on the wrapper "Bid for a **Hot Mix Asphalt Overlay and Drainage Improvements** in the towns of **Limington and Cornish**" will be received from contractors at the Reception Desk, Temporary Transportation Building in Winthrop, Maine, until 11:00 o'clock A.M. (prevailing time) on July 2, 2003 and at that time and place publicly opened and read. Bids will be accepted only from contractors prequalified by the Department of Transportation for highway construction or paving projects. All other Bids will be rejected. **MDOT is currently transitioning to provide for the option of electronic bidding. We now accept electronic bids for those bid packages posted on our electronic bid website. Electronic bids do not have to be accompanied by paper bids. Please note: the Department will accept a facsimile of the bid bond for the electronic bid; however, the original bid bond must then be received at the MDOT Contract Section within 72 hours of the bid opening.** During this transition, dual bids (one paper, one electronic) will be accepted, with the paper copy taking precedence. For those who chose to submit a paper bid alone, nothing has changed.

Description: Maine Federal Aid Project No. STP-9185(00)X, PIN 009185.00

Location: In York County, project STP-9185(00)X is located on Route 25 beginning at the intersection of Route 11 and extending northwesterly 11.81 km (7.34 mi) to the easterly intersection of Route 5.

Outline of Work: Hot Mix Asphalt Overlay, Drainage Improvements and other incidental work.

For general information regarding Bidding and Contracting procedures, contact Bruce Carter at (207)624-3430. Our webpage at <http://www.state.me.us/mdot/project/design/homepg.htm> contains a copy of the schedule of items, Plan Holders List, written portions of bid amendments (not drawings), and bid results. For Project-specific information fax all questions to **James Andrews** at (207)624-3471. Questions received after 12:00 noon of Monday prior to bid date will not be answered. Bidders shall not contact any other Departmental staff for clarification of Contract provisions, and the Department will not be responsible for any interpretations so obtained. Hearing impaired persons may call the Telecommunication Device for the Deaf at (207)287-3392.

Plans, specifications and bid forms may be seen at the Maine Department of Transportation, Temporary Transportation Building in Winthrop, Maine and at the Department of Transportation's Division Office in Scarborough. They may be purchased from the Department between the hours of 8:00 a.m. to 4:30 p.m. by cash, credit card (Visa/Mastercard) or check payable to Treasurer, State of Maine sent to Maine Department of Transportation, Attn.: Mailroom, 16 State House Station, Augusta, Maine 04333-0016. They also may be purchased by telephone at (207)624-3536 between the hours of 8:00 a.m. to 4:30 p.m. Full size plans \$11 (\$14.50 by mail). Half size plans \$5.50 (\$7.75 by mail), Bid Book \$10 (\$13 by mail), Single Sheets \$2, payment in advance, all non-refundable.

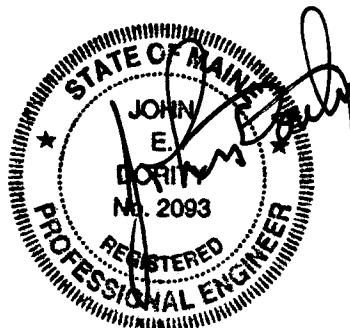
Each Bid must be made upon blank forms provided by the Department and must be accompanied by a bid bond at 5% of the bid amount or an official bank check, cashier's check, certified check, certificate of deposit, or United States postal money order in the amount of \$60,000 payable to Treasurer, State of Maine as a Bid guarantee. A Contract Performance Surety Bond and a Contract Payment Surety Bond, each in the amount of 100 percent of the Contract price, will be required of the successful Bidder.

This Contract is subject to all applicable Federal Laws. This contract is subject to compliance with the Disadvantaged Business Enterprise program requirements as set forth by the Maine Department of Transportation.

All work shall be governed by "State of Maine, Department of Transportation, Standard Specifications, Revision of December 2002", price \$10 [\$13 by mail], and Standard Details, Revision of December 2002, price \$20 [\$25 by mail] Standard Detail updates can be found at <http://www.state.me.us/mdot/project/design/homepg.htm>

The right is hereby reserved to the MDOT to reject any or all Bids.

Winthrop, Maine
June 11, 2003



JOHN E. DORITY
CHIEF ENGINEER

**ACKNOWLEDGMENT OF BID AMENDMENTS
&
SUBMISSION OF BID BOND VALIDATION NUMBER (IF APPLICABLE)**

With this form, the Bidder acknowledges its responsibility to check for all Amendments to the Bid Package. For each Project under Advertisement, Amendments are located at <http://www.state.me.us/mdot/project/design/schedule.htm>. It is the responsibility of the Bidder to determine if there are Amendments to the Project, to download them, and to incorporate them into their Bid Package. The Maine DOT will not post Bid Amendments any later than noon the day before Bid opening.

Amendment Number	Date

The Contractor, for itself, its successors and assigns, hereby acknowledges that it has received all of the above referenced Amendments to the Bid Package. Failure to acknowledge receipt of all Amendments to the Bid Package will be considered a Non-curable Bid Defect in accordance with Section 102.11.1 of the Standard Specifications, Revision of December 2002.

CONTRACTOR

Date

Signature of authorized representative

(Name and Title Printed)

Bid Bond Validation Number _____
(Applicable to annual bid bonds or electronic bid bonds.)

MAINE DEPARTMENT OF TRANSPORTATION

BID

DATE OF OPENING :

CALL ORDER :

CONTRACT ID : 009185.00

PROJECTS

STP-9185(00)X

COUNTY : YORK

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 1

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 HIGHWAY ITEMS

0010	201.11 CLEARING	HA	0.100			
0020	201.23 REMOVING SINGLE TREE TOP ONLY	EA	51.000			
0030	201.24 REMOVING STUMP	EA	63.000			
0040	202.202 REMOVING PAVEMENT SURFACE	M2	750.000			
0050	202.203 PAVEMENT BUTT JOINTS	M2	600.000			
0060	203.20 COMMON EXCAVATION	M3	425.000			
0070	203.21 ROCK EXCAVATION	M3	280.000			
0080	203.24 COMMON BORROW	M3	755.000			
0090	203.242 DIRTY BORROW	M3	100.000			
0100	203.25 GRANULAR BORROW	M3	165.000			

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 2

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	211.20 INSLOPE EXCAVATION	1100.000 M				
0120	211.30 DITCH EXCAVATION	1400.000 M				
0130	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	680.000 M3				
0140	403.207 HOT MIX ASPHALT 19.0 MM NOMINAL MAX SIZE	210.000 MG				
0150	403.209 HOT MIX ASPHALT 9.5 MM(SIDEWALKS,DRIVES, INCIDENTAL)	300.000 MG				
0160	403.210 HOT MIX ASPHALT 9.5 MM NOMINAL MAX SIZE	9400.000 MG				
0170	403.211 HOT MIX ASPHALT (SHIM)	10200.000 MG				
0180	409.15 BITUMINOUS TACK COAT APPLIED	20400.000 L				
0190	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	115.000 M3				
0200	508.13 MEMBRANE WATERPROOFING	LUMP	LUMP			
0210	511.07 COFFERDAM:	LUMP	LUMP			

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 3

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
0230	534.71 PRECAST CONCRETE BOX CULVERT @ STA 5+290	LUMP	LUMP			
0240	534.71 PRECAST CONCRETE BOX CULVERT @ STA 6+292	LUMP	LUMP			
0250	534.71 PRECAST CONCRETE BOX CULVERT @ STA 9+005	LUMP	LUMP			
0260	603.16 375 MM CULVERT PIPE OPTION I	50.000 M				
0270	603.17 450 MM CULVERT PIPE OPTION I	40.000 M				
0280	604.092 CATCH BASIN TYPE B1-C	10.000 EA				
0290	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	2.000 EA				
0300	604.182 CLEAN EXISTING CATCH BASIN AND MANHOLE	4.000 EA				
0310	605.11 300 MM UNDERDRAIN TYPE C	150.000 M				
0320	605.12 375 MM UNDERDRAIN TYPE C	70.000 M				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 4

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	605.13 450 MM UNDERDRAIN TYPE C	30.000 M				
0340	606.17 GUARDRAIL TYPE 3B - SINGLE RAIL	1200.000 M				
0350	606.178 GUARDRAIL BEAM	45.720 M				
0360	606.35 GUARDRAIL DELINEATOR POST	75.000 EA				
0370	606.351 REMOVE AND RESET GUARDRAIL DELINEATOR POSTS	4.000 EA				
0380	606.367 REPLACE UNUSABLE EXISTING GUARDRAIL POSTS	4.000 EA				
0390	606.47 SINGLE WOOD POST	5.000 EA				
0400	606.754 WIDEN SHOULDER FOR 350 END TREATMENT	56.000 EA				
0410	606.79 GUARDRAIL 350 FLARED TERMINAL	56.000 EA				
0420	608.46 REGRADING SIDEWALK	500.000 M2				
0430	609.31 CURB TYPE 3	1350.000 M				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 5

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	610.08 PLAIN RIPRAP	230.000				
		M3				
0450	610.18 STONE DITCH PROTECTION	10.000				
		M3				
0460	613.319 EROSION CONTROL BLANKET	2800.000				
		M2				
0470	615.07 LOAM	10.000				
		M3				
0480	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	160.000				
		UN				
0490	619.1201 MULCH - PLAN QUANTITY	160.000				
		UN				
0500	619.1401 EROSION CONTROL MIX	25.000				
		M3				
0510	620.58 EROSION CONTROL GEOTEXTILE	800.000				
		M2				
0520	627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING	10.000				
		M2				
0530	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			
0540	627.77 REMOVING PAVEMENT MARKINGS	90.000				
		M2				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 6

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	629.05 HAND LABOR, STRAIGHT TIME	20.000 HR				
0560	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	10.000 HR				
0570	631.11 AIR TOOL (INCLUDING OPERATOR)	10.000 HR				
0580	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	30.000 HR				
0590	631.14 GRADER (INCLUDING OPERATOR)	5.000 HR				
0600	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	60.000 HR				
0610	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	20.000 HR				
0620	631.21 ROAD BROOM (INCLUDING OPERATORS AND HAULER)	20.000 HR				
0630	631.22 FRONT END LOADER (INCLUDING OPERATOR)	10.000 HR				
0640	631.221 SMALL FRONT-END LOADER (INCLUDING OPERATOR)	10.000 HR				
0650	631.28 BRUSH CHIPPER (INCLUDING OPERATOR)	15.000 HR				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 7

SCHEDULE OF ITEMS

DATE: 030521

REVISED:

CONTRACT ID: 009185.00

PROJECT(S): STP-9185(00)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0660	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	50.000 HR				
0670	639.18 FIELD OFFICE TYPE A	1.000 EA				
0680	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP	LUMP			
0690	652.39 WORK ZONE TRAFFIC CONTROL	LUMP	LUMP			
0700	656.55 DUMPED STONE	5.000 M3				
0710	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0720	659.10 MOBILIZATION	LUMP	LUMP			
0730	660.21 ON-THE-JOB TRAINING (BID)	1000.000 HR				
	SECTION 0001 TOTAL					
	TOTAL BID					

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at 1705 U.S. Route 202, Winthrop, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and _____
a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, **STP-9185(00)X, PIN 009185.00, for the Hot Mix Asphalt Overlay and Drainage Improvements in the towns of Limington and Cornish, County of York, Maine.** The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **June 19, 2004.** Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is _____

\$_____ Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: **STP-9185(00)X, PIN 009185.00, for the Hot Mix Asphalt Overlay and Drainage Improvements in the towns of Limington and Cornish, County of York,** State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at 1705 U.S. Route 202, Winthrop, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and _____
a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, **STP-9185(00)X, PIN 009185.00, for the Hot Mix Asphalt Overlay and Drainage Improvements in the towns of Limington and Cornish, County of York, Maine.** The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **June 19, 2004.** Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is _____

\$_____ Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: **STP-9185(00)X, PIN 009185.00, for the Hot Mix Asphalt Overlay and Drainage Improvements in the towns of Limington and Cornish, County of York,** State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at 1705 U.S. Route 202, Winthrop, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and (Name of the firm bidding the job) a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at (address of the firm bidding the job)

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. 1224.00

for the Hot Mix Asphalt Overlay in the town/city of West Eastport, County of Washington, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before November 15, 2003. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is (Place bid here in alphabetical form such as One Hundred and Two dollars and 10 cents)
\$ (repeat bid here in numerical terms, such as \$102.10) Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

PIN 1234.00 West Eastport, Hot Mix Asphalt Overlay

State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents

Date

(Witness Sign Here)
Witness

CONTRACTOR
(Sign Here)

(Signature of Legally Authorized Representative
of the Contractor)

(Print Name Here)
(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

(Witness)

BOND # _____

CONTRACT PERFORMANCE BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **and the State of** _____, as principal,
and _____,
a corporation duly organized under the laws of the State of _____ and having a
usual place of business _____,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine in the sum
of _____ **and 00/100 Dollars (\$** _____ **)**,
to be paid said Treasurer of the State of Maine or his successors in office, for which
payment well and truly to be made, Principal and Surety bind themselves, their heirs,
executors and administrators, successors and assigns, jointly and severally by these
presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of _____
promptly and faithfully performs the Contract, then this
obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the State
of Maine.

Signed and sealed this _____ day of _____, 20_____.

WITNESSES:

Signature.....
Print Name Legibly

Signature

Print Name Legibly

SURETY ADDRESS:

.....
.....
.....

TELEPHONE.....

SIGNATURES:

CONTRACTOR:

Print Name Legibly

SURETY:

Print Name Legibly

NAME OF LOCAL AGENCY:

ADDRESS

.....
.....

BOND # _____

CONTRACT PAYMENT BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **and the State of** _____, as principal,
and _____
a corporation duly organized under the laws of the State of _____ and having a
usual place of business in _____,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine for the use
and benefit of claimants as herein below defined, in the sum of
_____ **and 00/100 Dollars (\$** _____ **)**
for the payment whereof Principal and Surety bind themselves, their heirs, executors and
administrators, successors and assigns, jointly and severally by these presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of
_____ promptly satisfies all claims and demands incurred for all
labor and material, used or required by him in connection with the work contemplated by
said Contract, and fully reimburses the obligee for all outlay and expense which the
obligee may incur in making good any default of said Principal, then this obligation shall
be null and void; otherwise it shall remain in full force and effect.

A claimant is defined as one having a direct contract with the Principal or with a
Subcontractor of the Principal for labor, material or both, used or reasonably required for
use in the performance of the contract.

Signed and sealed this _____ day of _____, 20 .. .

WITNESS:

SIGNATURES:

CONTRACTOR:

Signature.....

Print Name Legibly

SURETY:

Signature.....

Print Name Legibly

SURETY ADDRESS:

NAME OF LOCAL AGENCY:

ADDRESS

TELEPHONE

SPECIAL PROVISION PARTNERING

The successful bidder will have the opportunity to enter into a cooperative partnership agreement with the State Department of Transportation for the contract. The objective of this agreement is the effective completion of the work on time and to the standard of quality that will be a source of pride to both the State and the Contractor. The partnering agreement will not affect the terms of the contract. It is intended only to establish an environment of cooperation between the parties. If the partnering agreement is accepted.

1. Contractor shall select and provide a third-party facilitator to conduct the team building workshop for the Contractor and Department personnel. Facilitator selection shall require Department concurrence. The cost for the facilitator and his associated expenses will be shared equally by the Department on the next monthly estimate, following receipt of invoice(s) from the Contractor, on an extra work basis.
2. Contractor and Department will exchange lists of the key personnel to be participants in the workshop. The list will contain the name and job title of each person, a contact phone number, and the address for job related correspondence.
3. The Contractor shall select the location and make all arrangements for space as required by facilitator, and for any meals required. This cost to be shared equally.
4. A working arrangement for the partnership will be agreed upon in writing at the workshop. The arrangement will set out the mutually recognized goals and expectation of the parties.
5. The Contractor and the Department agree to make an effort to maintain identified key personnel assigned to the work for its duration. A timely notice by each shall be given if changes by either must be made.
6. Project issues shall be processed in the manner agreed upon by the parties during the orientation.
7. Follow-up workshops may be held periodically throughout the duration of the contract as agreed by the Contractor and the Department.
8. The Partnering Agreement is not intended to be a legal document. Failure by either party to follow the process identified will not be grounds for any claim under the contract.
9. ARE YOU INTERESTED IN THIS OPPORTUNITY? YES _____ NO _____

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



LIMINGTON-CORNISH

YORK COUNTY

ROUTE 25

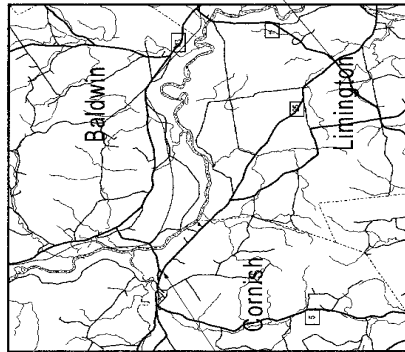
STP-9185(00)X

PROJECT LENGTH : 11.81 km (7.34 mi)

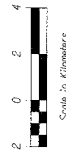
STP-9185(00)X

BEGIN PROJECT STA 3+846 = RLM 24.43

END PROJECT STA 15+656 = RLM 31.77

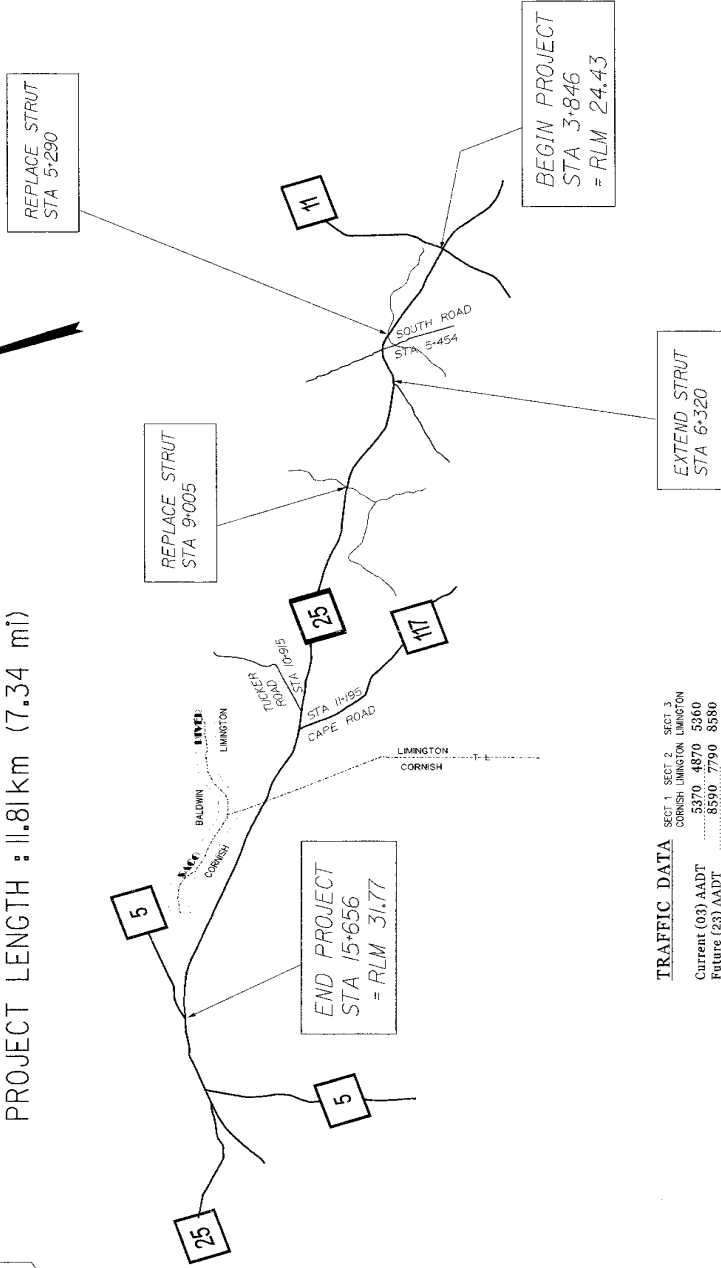


LOCATION MAP



HOT MIX ASHALT OVERLAY

DRAINAGE IMPROVEMENTS



TRAFFIC DATA

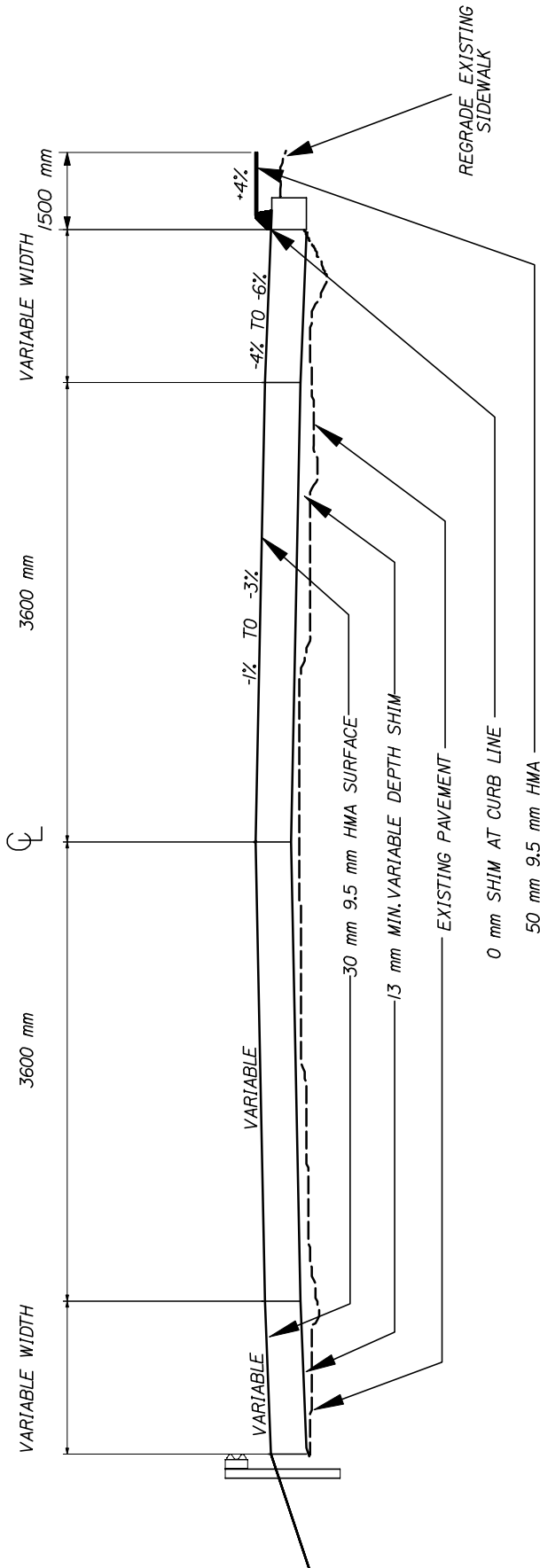
	SECT. 1	SECT. 2	SECT. 3
CORNISH	5370	4870	5360
LIMINGTON	8590	7790	8580
LIMINGTON-CORNISH	10	10	10
Current (03) AADT	5370	4870	5360
Future (23) AADT	8590	7790	8580
DHV - % of AADT	10	10	10
Design Hour Volume	859	779	858
% Heavy Trucks (AADT)	7	8	8
% Heavy Trucks (DHV)	5	6	6
Directional Distribution (DHV)	55	55	55
80 KN Equivalent P 2.0	293	317	318
80 KN Equivalent P 2.5	279	302	303
Design Speed (km/h)	55	55	55

PROJECT INFORMATION PROJECT NUMBER: STP-9185(00)X PROJECT NAME: LIMINGTON-CORNISH PROJECT LOCATION: YORK COUNTY, MAINE PROJECT LENGTH: 11.81 km (7.34 mi) PROJECT PIN: 9185.00		TITLE SHEET SHEET NUMBER: 1	
PROJECT MANAGER: [Signature] DESIGNER: [Signature] CONSULTANT: [Signature] CONTRACTOR: [Signature]		DEPARTMENT OF TRANSPORTATION STATE OF MAINE APPROVED: [Signature] DATE: 05/19/05	

30 mm HOT MIX ASPHALT OVERLAY

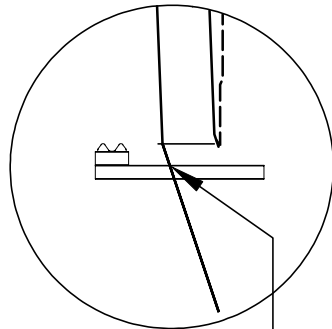
SUPERELEVATION

NORMAL



NOTE: SHOULDER CROSS SLOPE SHALL BE 2% ON THE HIGH SIDE OF THE SUPERELEVATION WHEN THE ROLL-OVER ALGEBRAIC DIFFERENCE IN THE RATE OF CROSS SLOPE EXCEEDS 9%.

NOTE: THE HMA SURFACE COURSE SHALL BE PLACED TO WITHIN 75 mm (3 IN.) OF THE GUARDRAIL POST



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

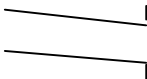



TYPICAL SECTIONS
LIMINGTON
ROUTE 25

NOT TO SCALE

SHEET 1 OF 1

PLANS	
PROJECT DESIGN ENGINEER	DATE
CHECKED	BY
DESIGN DATE	
REVISIONS	
FIELD CHANGES	

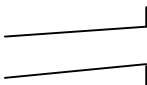
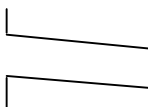
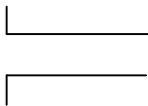
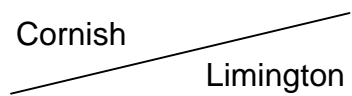
Project Stationing

<u>Left side</u>	<u>Station</u>	<u>Right side</u>
Christian Hill Rd. 	5+971	
CMP 33 / NETT 292	5+920	
	5+859	Speed Limit 55
Speed Limit 40	5+838	
	5+752	CMP 31/36
	5+456 	North Rd.
South Rd. 	5+454	
NET 284	5+405	
Speed Limit 50	5+227	
CMP 18	4+891	
	4+732 	Mildred Ln.
CMP 15/271	4+585	
	4+366	CMP 12
Speed Limit 40	4+196	
	4+185	CMP 8
	3+953	CMP3
	3+860	Pole 257
4X4 sign post Project Start	3+846	Project Start

Project Stationing (cont.)

<u>Left side</u>	<u>Station</u>	<u>Right side</u>
	9+037	Whaleback Rd.
	8+897	CMP 702
	8+734	CMP 704
	8+510	CMP 707 / NET 212/330
Town Farm Rd.	8+308	
	8+139	NET 312F/325
	7+985	CMP 714
	7+837	NET 321
	7+629	NET 318
	7+496	212/316
	7+303	NET 313
	7+102	NET 212F/310
	6+945	NET 308
	6+709	NET 304
NET 299	6+420	
	6+241	Speed Limit 55
	6+076	NET 294

Project Stationing (cont.)

Left side	<u>Station</u>	Right side
CMP 019	12+121	
CMP 021	11+962	
CMP 023	11+775	
CMP 026/4-90	11+576	
	11+339	Speed Limit 55
Cape Rd. (Rte. 117) 	11+195	
Speed Limit 55	11+099	
CMP 032 / NET 362	11+023	
	10+915	 Tucker Rd.
CMP #036	10+691	
	10+492	CMP 038 / NET 344
	10+318	CMP 040
CMP 043/2 / NET 351	10+033	
	9+774	CMP 047/2
	9+531	CMP 508/2 / NET 344
	9+284	CMP 504
	12+755	 Waterman Dr.
	12+575	CMP 546 / NET 77
	12+342	Town Line Cornish  Limington

Project Stationing (cont.)

<u>Left side</u>	<u>Station</u>	<u>Right side</u>
Project End	15+656	Project End
	15+629	Cumberland St.
Speed Limit 55	15+589	
CMP 506	15+451	
	15+307	CMP J509 / NET 9
	15+228	Rte. 5
	14+948	Speed Limit
	14+870	CMP 509
CMP 515	14+645	
	14+482	Saco Woods Deve.
CMP 4-30 / 520	14+433	
CMP 526	14+222	
CMP 39 / 529	13+924	
	13+658	Pine Acres Dr.
CMP 47 / 336	13+436	
CMP 539	13+191	
	12+935	CMP #542
Business Pk.	12+911	

SUPERELEVATION

<u>Left %</u>	<u>Station</u>	<u>Right %</u>	<u>Left %</u>	<u>Station</u>	<u>Right %</u>
-3	3+846	-3	-2	5+080	-2
↓		↓		5+100	-3
-2	4+120	-2		5+120	-3
↓		↓		5+140	-2
↓	4+180	-3		5+160	-2
-3	4+200	-2		5+180	-3
↓	4+220	-3		5+200	-2
↓	4+240	-2	↓		
↓	4+260	-2	-3	5+320	
↓	4+280	-3	-4	5+340	
		↓	-3	5+360	
↓			↓		
-2	4+360	-2	-3	5+420	-1
↓	4+380	-2	-4	5+440	1
↓	4+400	-3	-5	5+460	3
↓	4+420	-2	-6	5+480	4
↓	4+440	-2	↓	5+500	4 1/2
-1	4+460	-2	↓	5+520	5
↓	4+480	-3	-6	5+540	6
↓	4+500	-3	-5	5+560	5
↓	4+520	-2	-4	5+580	4
↓	4+540	-3	-3 1/2	5+600	3 1/2
		↓	-3	5+620	3
↓			↓	5+640	2
-2	4+640		↓	5+660	1
↓	4+660	↓	↓	5+680	-2
↓	4+680	-2	-2	5+700	-2
-3	4+700	-3	-1	5+720	-2
-3	4+720	-2	-1	5+740	-2
-2	4+740	↓	1	5+760	-3
↓			4	5+780	-4
↓			3	5+800	
-3	4+860		2	5+820	
↓			↓	5+840	
↓			↓	5+860	
-2	4+940		0	5+880	

SUPERELEVATION (cont.)

<u>Left %</u>	<u>Station</u>	<u>Right %</u>	<u>Left %</u>	<u>Station</u>	<u>Right %</u>
	4+960	-2	-2	5+900	-4
	4+980	-3	-1	5+920	-3
			1	5+940	-4
			3	5+960	
	5+060			5+980	
	6+020	-4	-2	6+000	
3	6+040			7+040	-2
3	6+060			7+060	-3
2	6+080	-3		7+080	-3
0	6+100	-2		7+100	-2
-2				7+120	-3
				7+140	
	6+240			7+160	-3
-3				7+180	-2
	6+300		-3	7+240	
-2					
	6+420			7+300	
-3	6+440			7+320	
-2				7+340	
				7+360	
	6+520	-3		7+380	
0	6+540	-4	-2	7+400	-2
1	6+560	-6		7+420	
3	6+580		-3	7+440	
5	6+600		-2	7+460	
6	6+620				
	6+640				
	6+660		-3	7+600	
	6+680		-2	7+620	
4	6+700	-6			
2	6+720	-4			
0	6+740	-3	-3	7+700	-3
-1	6+760		-2	7+720	-2
-2			-3	7+740	
			-3	7+760	
	6+800	-2	-2	7+780	
	6+880	-3		7+840	-3
	6+900	-2			
			-1	7+920	

SUPERELEVATION (cont.)

<u>Left %</u>	<u>Station</u>	<u>Right %</u>	<u>Left %</u>	<u>Station</u>	<u>Right %</u>
-3	6+960	-3	-2	7+940	↓
-3	6+980	↓	↓		↓
-1	7+000	↓	↓	7+980	-3
-1	7+020	↓	↓	9+380	-2
-2	8+000	-2	-2		
↓		↓	↓		
-3	8+080	↓		9+440	-3
-3	8+100	↓		9+460	-2
-2	8+120	↓		9+480	-3
↓		↓	↓	9+500	-3
0	8+220	-4	↓	9+520	-2
1	8+240	↓	-3		
2	8+260	↓	-3	9+560	
1	8+280	↓	-2	9+580	
0	8+300	↓	↓	9+600	
- 1/2	8+320	↓	↓		
-1	8+340	↓	-3	9+700	
-2	8+360	↓		9+720	
↓	8+380	↓	-2	9+740	
	8+400	↓		9+760	
↓	8+420	-3	-3	9+780	
		↓	-3	9+800	
↓		↓	-2	9+820	
-3	8+480	↓			↓
-2	8+500	↓			
↓	8+520	↓		9+900	-3
↓	8+540	↓		9+920	-2
-1	8+560	-2			↓
3	8+580	-3	↓		
↓	8+600	-4		10+140	
	8+620	↓		10+160	↓
↓	8+640	↓		10+180	
0	8+660	↓	4	10+200	-4
↓	8+680	↓	5	10+220	-6
-2	8+700	↓	6	10+240	-6
↓	8+720	↓	3	10+260	-4
		↓	0	10+280	-2
		↓	-2	10+300	↓
	9+200	-3	-3	10+320	↓
	9+220	-2	↓	10+340	-3
↓		↓	↓		↓

SUPERELEVATION (cont.)

<u>Left %</u>	<u>Station</u>	<u>Right %</u>	<u>Left %</u>	<u>Station</u>	<u>Right %</u>
-2	9+320	-3	-3	10+380	-3
↓	9+340	↓	↓	10+400	-2
	9+360				↓
	11+040	↓		10+940	-3
↓	11+060	-4	↓		↓
	11+080	-5		11+020	-2
5	11+100	-6	↓	12+040	-2
6	11+120	↓	-2	12+060	-2
3	11+140	↓	-2	12+080	-2
3	11+160	-5		12+100	-2
2	11+180	-5	-2		↓
2	11+200	-4	↓	12+260	
1	11+220	-2		12+280	
1		↓	-2	12+300	
0	11+280	-3	-2	12+320	
-1	11+300	-2		12+340	↓
-2	11+320	↓	-2	12+360	-3
↓	11+340	↓			↓
-3	11+360	↓		12+440	-2
-4	11+380	4			↓
-4	11+400	1		13+400	-1
-5	11+420	-1		13+420	-2
-3	11+440	-2			↓
-3	11+460	-4		14+380	
-1	11+480	-4		14+400	
0	11+500	-5	↓		↓
2	11+520	-6	-3	14+500	
3	11+540	↓	-2		↓
3	11+560	↓		14+560	↓
2	11+580	-4	↓	14+580	-3
1	11+600	-3	↓	14+600	↓
-2	11+620	-2	-3		↓
↓		↓	↓	14+660	-2
	11+780		-2		
	11+800		-2		
-2	11+820		-3		
↓		↓	↓		
	11+900	0	-2		

SUPERELEVATION (cont.)

<u>Left %</u>	<u>Station</u>	<u>Right %</u>	<u>Left %</u>	<u>Station</u>	<u>Right %</u>
-3	11+920	2			
↓	11+940	3			↓
↓	11+960	2		14+840	-3
-1	11+980	1		14+860	-2
↓	12+000	↓			↓
↓	12+020	↓	↓		↓
-3	15+000	-1	-3	14+920	
-3	15+020	-1	↓	14+940	↓
-2	15+040	-3		14+960	-1
-3	15+060	-2	↓	14+980	-1
↓	15+080	↓			
↓		↓			
↓	15+120	-3			
-2	15+140	-2			
↓		↓			
↓	15+200	-3			
↓	15+220	-2			
↓	15+240	-3			
-1	15+260	-3			
↓	15+280	-2			
↓		↓			
-2	15+320				
↓		↓			
-1	15+480				
-2	15+500	↓			
↓	15+520	-3			
↓	15+540	-2			
↓	15+560	-3			
↓	15+580	-3			
↓	15+600	-2			
↓	15+604				

Construction Notes

201.11 CLEARING

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
5+600	To	5+723	3+915	To	3+965
10+420	To	10+540	3+997	To	4+023
			9+893	To	9+940
			14+260	To	14+320
			14+400	To	14+464
			14+560	To	14+620

201.23 REMOVING SINGLE TREE TOP ONLY

Left Side		Right Side		Right Side	
<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>
3+916	6.07	4+907	6.4	10+495	6.4
3+925	6.65	5+524	7.6	10+511	6.5
3+938	7.03	5+527	7.3	10+532	6.6
3+949	7.07	5+531	6.9	10+989	5.8
3+989	6.45	5+706	7.4	10+990	6.5
3+998	6.3	5+725	7.4	11+009	6.3
3+999	5	5+727	7.4	11+908	7
4+018	6.4	5+864	7.8	13+235	6.6
4+021	6.3	5+868	7.9	13+879	6.4
Left Side (cont.)		Right Side (cont.)		Right Side (cont.)	
<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>
4+138	6.53	5+870	7.3	14+327	6
4+157	7.17	6+364	8	14+328	6.7
4+195	6.87	6+413	7.4	14+627	6.4
4+213	6.87	9+910	6.9	14+653	7.3
10+453	7.3	9+925	6.4	14+699	6.4
10+484	7.3				
14+704	7.35				
14+736	6.08				
14+737	6.22				
15+319	6.76				

Construction Notes

201.24 REMOVING STUMP

Left Side		Left Side		Right Side	
<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>
4+163	5	7+367	6.5	5+757	7.2
4+191	7	7+376	5	6+664	8.5
4+198	7.5	7+476	6.5	7+384	7
4+209	7.5	7+510	7.5	7+784	8
4+211	7.5	9+960	8	7+834	10.2
4+280	7.5	9+979	8	9+686	7.2/8.1
4+284	7.5	9+980	8	10+325	7.3
4+285	8	10+210	8	10+329	9.5
4+289	8	10+214	7	14+534	9
4+299	8	10+230	7.5	14+535	7.8
4+301	8	10+403	7.5	14+540	7.5
4+304	8	10+446	8	14+546	7.5
4+307	8	10+450	8	14+567	8
4+315	8	10+462	8.5	14+576	7.5
4+924	6.5	10+470	7.5	14+701	7.5
4+925	6.5	10+519	7.5	14+726	8
4+926	6.5	10+520	6.5/8.0	14+916	8
5+774	6	10+550	7	14+928	8
6+349	8	10+551	6.5		
7+042	8	10+836	6.5		
7+198	7.5	13+332	7.5		

202.202 REMOVING PAVEMENT SURFACE

<u>Station</u>	<u>To</u>	<u>Station</u>
15+228	To	15+629

202.203 PAVEMENT BUTT JOINTS

<u>Station</u>	<u>Sideroads</u>	<u>Driveways</u>
3+846	11	60
15+640		

203.20 COMMON EXCAVATION

This Item to be used at strut locations.

Construction Notes

203.21 ROCK EXCAVATION

<u>Station</u>	<u>Side</u>	<u>Offset(M)</u>
5831	RT	6
6695	RT	6
6738	RT	6
6748	RT	5
8937	RT	6
10006	RT	7
10194	RT	7
15580	LT	5

203.24 COMMON BORROW

203.25 GRANULAR BORROW

These Items to be used at strut locations.

211.20 INSLOPE EXCAVATION

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
5+235	To	5+255	3+884	To	3+972
5+825	To	5+974	3+992	To	4+073
12+164	To	12+272	7+858	To	7+993
14+622	To	14+710	8+165	To	8+251
			11+320	To	11+365
			11+420	To	11+465
			11+508	To	11+593
			11+604	To	11+633
			11+644	To	11+718
			12+856	To	12+883

Construction Notes

211.30 DITCH EXCAVATION

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
4+884	To	4+912	3+846	To	3+866
5+468	To	5+500	4+383	To	4+406
7+985	To	8+002	4+598	To	4+636
8+023	To	8+171	4+755	To	4+768
10+595	To	10+632	4+883	To	4+898
10+640	To	10+647	5+469	To	5+479
10+867	To	10+888	5+592	To	5+630
10+893	To	11+034	5+670	To	5+682
11+140	To	11+156	5+692	To	5+725
11+187	To	11+205	5+947	To	5+984
12+647	To	12+655	6+018	To	6+058
12+695	To	12+785	7+618	To	7+700
12+721	To	12+730	8+251	To	8+265
14+857	To	14+862	8+355	To	8+580
14+870	To	14+875	9+046	To	9+070
14+919	To	15+025	10+527	To	10+570
			15+192	To	15+220

304.10 AGGR SUBBASE COURSE - GRAVEL

This Item to be used at strut locations.

411.10 UNTREATED AGGREGATE SURFACE COURSE-GRAVEL, TRUCK MEASURE

This item to be used to back up paved aprons in gravel drives.

508.13 MEMBRANE WATERPROOFING

Station
5+291
9+005

511.07 COFFERDAM

Station
5+291
9+005

Construction Notes

526.301 TEMPORARY CONCRETE BARRIER, TYPE I

Station

5+291
9+005

534.71 PRECAST CONCRETE BOX CULVERT STA. 5+291

Station

5+291

534.71 PRECAST CONCRETE BOX CULVERT STA. 6+292

Station

6+292

This work involves extending existing concrete box culvert 6.0318 M.
The item is Design/Build, all work necessary for construction will be
incidental to the item.

534.71 PRECAST CONCRETE BOX CULVERT STA. 9+005

Station

9+005

603.16 375 MM CULVERT PIPE OPTION I

<u>Station</u>	<u>Side</u>
11+054	RT
11+878	RT/LT
12+833	RT
13+224	LT

Undetermined Locations

603.17 450 MM CULVERT PIPE OPTION I

<u>Station</u>	<u>Side</u>
6+678	RT
10+876	RT
15+255	RT

Undetermined Locations

Construction Notes

604.092 CATCH BASIN TYPE B1-C

Left Side		Right Side	
<u>Station</u>	<u>Offset(M)</u>	<u>Station</u>	<u>Offset(M)</u>
15+342	4	15+261	4
15+514	5	15+323	4
		15+353	4
		15+471	4
		15+500	5
		15+531	5
		15+598	5

604.18 ADJUST MANHOLE OR CATCHBASIN TO GRADE

<u>Station</u>	<u>Side</u>	<u>Offset(M)</u>
3+930	LT	4.9
11+150	LT	7

604.182 CLEANING EXISTING CATCHBASIN AND MANHOLES

<u>Station</u>	<u>Side</u>
11+140	LT
Undetermined Locations	

ITEM 605.11 300 MM UNDERDRAIN TYPE 'C'

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Side</u>
15+261.6	To	15+322.4	RT
15+323.6	To	15+352.4	RT
15+471.6	To	15+499.4	RT
15+500.6	To	15+513.4	RT
15+514.6	To	15+530.4	RT

ITEM 605.12 375 MM UNDERDRAIN TYPE 'C'

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Side</u>
15+531.6	To	15+597.4	RT

ITEM 605.13 450 MM UNDERDRAIN TYPE 'C'

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Side</u>
15+598.6	To	15+627.4	RT

Construction Notes

606.17 GUARDRAIL TYPE 3B - SINGLE RAIL

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
3+969.0	To	4+007.0	3+953.0	To	4+044.2
4+035.0	To	4+072.0	4+230.0	To	4+294.6
5+261.0	To	5+321.8	4+748.0	To	4+782.2
5+809.0	To	5+896.4	4+906.0	To	4+928.8
6+032.0	To	6+062.4	5+261.0	To	5+306.6
8+668.0	To	8+702.2	7+856.0	To	7+863.6
8+970.0	To	9+004.2	8+682.0	To	8+693.4
9+670.0	To	9+715.6	8+970.0	To	9+004.2
10+063.0	To	10+112.4	9+280.0	To	9+356.0
10+300.0	To	10+380.6	9+422.0	To	9+471.4
			9+531.0	To	9+546.2
			9+843.0	To	9+865.8
			10+076.0	To	10+087.4
			11+432.0	To	11+557.4
			11+815.0	To	11+860.6

Construction Notes

606.178 GUARDRAIL BEAM

Undetermined Locations

606.35 GUARDRAIL DELINEATOR POST

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Side</u>
3+969.0	To	4+007.0	LT
4+035.0	To	4+072.0	LT
5+261.0	To	5+321.8	LT
5+809.0	To	5+896.4	LT
6+032.0	To	6+062.4	LT
8+668.0	To	8+702.2	LT
8+970.0	To	9+004.2	LT
9+670.0	To	9+715.6	LT
10+063.0	To	10+112.4	LT
10+300.0	To	10+380.6	LT
3+953.0	To	4+044.2	RT
4+230.0	To	4+294.6	RT
4+748.0	To	4+782.2	RT
4+906.0	To	4+928.8	RT
5+261.0	To	5+306.6	RT
7+856.0	To	7+863.6	RT
8+682.0	To	8+693.4	RT
8+970.0	To	9+004.2	RT
9+280.0	To	9+356.0	RT
9+422.0	To	9+471.4	RT
9+531.0	To	9+546.2	RT
9+843.0	To	9+865.8	RT
10+076.0	To	10+087.4	RT
11+432.0	To	11+557.4	RT
11+815.0	To	11+860.6	RT

606.351 REMOVE AND RESET GUARDRAIL DELINEATOR POST

606.367 REPLACE UNUSABLE EXISTING GUARDRAIL POSTS

606.47 SINGLE WOOD POST

Undetermined Locations

Construction Notes

606.754 WIDEN SHOULDER FOR 350 END TREATMENT

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
3+957.6	To	3+969.0	3+941.6	To	3+953.0
4+007.0	To	4+018.4	4+044.2	To	4+055.6
4+023.6	To	4+035.0	4+218.6	To	4+230.0
4+072.0	To	4+083.4	4+294.6	To	4+306.0
5+249.6	To	5+261.0	4+736.6	To	4+748.0
5+321.8	To	5+333.2	4+782.2	To	4+793.6
5+797.6	To	5+809.0	4+894.6	To	4+906.0
5+896.4	To	5+907.8	4+928.8	To	4+940.2
6+020.6	To	6+032.0	5+249.6	To	5+261.0
6+062.4	To	6+073.8	5+306.6	To	5+318.0
8+656.6	To	8+668.0	7+844.6	To	7+856.0
8+702.2	To	8+713.6	7+863.6	To	7+875.0
8+958.6	To	8+970.0	8+670.6	To	8+682.0
9+004.2	To	9+015.6	8+693.4	To	8+705.0
9+658.6	To	9+670.0	8+958.6	To	8+970.0
9+715.6	To	9+727.0	9+004.2	To	9+015.6
10+051.6	To	10+063.0	9+268.6	To	9+280.0
10+112.4	To	10+123.8	9+356.0	To	9+367.4
10+288.6	To	10+300.0	9+410.6	To	9+422.0
10+380.6	To	10+392.0	9+471.4	To	9+482.8
12+314.0	To	12+325.4	9+519.6	To	9+531.0
12+344.6	To	12+356.0	9+546.2	To	9+557.6
			9+831.6	To	9+843.0
			9+865.8	To	9+867.2
			10+064.6	To	10+076.0
			10+087.4	To	10+098.8
			11+420.6	To	11+432.0
			11+557.4	To	11+568.8
			11+803.6	To	11+815.0
			11+860.6	To	11+872.0
			12+314.0	To	12+325.4
			12+348.0	To	12+359.4
			13+290.0	To	13+301.4
			13+321.4	To	1+332.8

Construction Notes

606.79 GUARDRAIL 350 FLARED TERMINAL

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
3+957.6	To	3+969.0	3+941.6	To	3+953.0
4+007.0	To	4+018.4	4+044.2	To	4+055.6
4+023.6	To	4+035.0	4+218.6	To	4+230.0
4+072.0	To	4+083.4	4+294.6	To	4+306.0
5+249.6	To	5+261.0	4+736.6	To	4+748.0
5+321.8	To	5+333.2	4+782.2	To	4+793.6
5+797.6	To	5+809.0	4+894.6	To	4+906.0
5+896.4	To	5+907.8	4+928.8	To	4+940.2
6+020.6	To	6+032.0	5+249.6	To	5+261.0
6+062.4	To	6+073.8	5+306.6	To	5+318.0
8+656.6	To	8+668.0	7+844.6	To	7+856.0
8+702.2	To	8+713.6	7+863.6	To	7+875.0
8+958.6	To	8+970.0	8+670.6	To	8+682.0
9+004.2	To	9+015.6	8+693.4	To	8+705.0
9+658.6	To	9+670.0	8+958.6	To	8+970.0
9+715.6	To	9+727.0	9+004.2	To	9+015.6
10+051.6	To	10+063.0	9+268.6	To	9+280.0
10+112.4	To	10+123.8	9+356.0	To	9+367.4
10+288.6	To	10+300.0	9+410.6	To	9+422.0
10+380.6	To	10+392.0	9+471.4	To	9+482.8
12+314.0	To	12+325.4	9+519.6	To	9+531.0
12+344.6	To	12+356.0	9+546.2	To	9+557.6
			9+831.6	To	9+843.0
			9+865.8	To	9+867.2
			10+064.6	To	10+076.0
			10+087.4	To	10+098.8
			11+420.6	To	11+432.0
			11+557.4	To	11+568.8
			11+803.6	To	11+815.0
			11+860.6	To	11+872.0
			12+314.0	To	12+325.4
			12+348.0	To	12+359.4
			13+290.0	To	13+301.4
			13+321.4	To	1+332.8

608.46 REGRADING SIDEWALK

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Side</u>
15+238	To	15+625	RT

Construction Notes

609.31 BITUMINOUS CURB TYPE III

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
3+884	To	3+992	4+078	To	4+133
4+084	To	4+108	5+511	To	5+527
4+115	To	4+140	5+712	To	5+752
4+335	To	4+365	9+057	To	9+152
9+723	To	9+777	9+369	To	9+414
12+373	To	12+424	10+151	To	10+214
12+558	To	12+599	15+268	To	15+656
15+313	To	15+385			
15+432	To	15+629			

610.08 PLAIN RIP RAP

To be used at pipe ends and various locations as per Resident.

610.18 STONE DITCH PROTECTION

This Item to be used at strut locations.

613.319 TEMPORARY EROSION CONTROL BLANKET

This item to be used in all 211.30 locations.

615.07 LOAM

This item to be used as directed by Resident.

618.1401 & 619.1201 SEEDING METHOD 2/HAY MULCH-PLAN QUANTITY

These items to be used in all disturbed areas.

619.1401 EROSION CONTROL MIX

This item to be used at strut locations.

620.58 EROSION CONTROL GEOTEXTILE

This item to be used under 610.08 and 610.18 items.

Construction Notes

627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKINGS

1 Stop Bar at Station 3+846.

627.77 REMOVING EXISTING PAVEMENT MARKING

This item to be used at strut locations.

629.05 HAND LABOR

631.10 AIR COMPRESSOR (INCL. OPERATOR)

631.11 AIR TOOL (INCL. OPERATOR)

631.12 ALL PURPOSE EXC (INC. OPERATOR)

631.14 GRADER (INC. OPERATOR)

631.172 TRUCK-LARGE (INC. OPERATOR)

631.18 CHAIN SAW RENTAL (INC. OPERATOR)

631.21 ROAD BROOM (INC. OPERATOR & HAULER)

631.22 FRONT END LOADER (INC. OPERATOR)

631.221 SMALL FRONT END LOADER (INC. OPERATOR)

631.28 BRUSH CHIPPER (INC. OPERATOR)

631.32 CULVERT CLEANER (INC. OPERATORS)

The above items to be used as directed by Resident

643.72 TEMPORARY TRAFFIC SIGNAL

1 Traffic signal per strut project, done in series.

652.39 WORK ZONE TRAFFIC CONTROL

This item includes flaggers.

656.55 DUMPED STONE

Undetermined Locations

656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL

Contractor shall prepare, submit, and implement a Soil Erosion and Water Pollution Control Plan, in accordance with required documentation.

GENERAL NOTES

1. All joints between existing and proposed hot bituminous pavement shall be butted. Payment shall be made under Item 202.203 Pavement Butt Joint.
2. Construct Butt Joints at all paved drives and entrances.
3. All non-guardrail inslopes shall be rototilled, or graded, if necessary, so that the slope does not exceed 3:1 from the edge of the shoulder break. Excess material will be placed in designated areas, or disposed of, as designated by the Resident. Payment will be made under appropriate contract items.
4. The Contractor shall place suitable existing material, or other material acceptable to the Resident, on all pavement edges to allow no greater than a 40 mm drop-off and be graded to 3:1 or flatter. Payment to be incidental to the contract.
5. All waste material not used on the project shall be disposed of off the project in waste areas approved by the Resident.
6. Any damage to the slopes caused by the Contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense.
7. A one meter (1 m) paved lip shall be placed at all gravel entrances, except woods and field entrances, unless otherwise directed by the Resident.
8. Item # 411.10, Untreated Aggregate Surface Course, may also meet the gradation requirements of item # 204.20, Add Shoulder Aggregate.
9. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
10. All existing paved shoulders and widenings to be resurfaced as directed by the Resident.
11. Shoulder shim shall taper to 0 mm at face of existing curb and guardrail.
12. No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.
13. Removal of existing struts, including work and disposal shall be incidental to the respective 534.71 items.

14. The following shall be incidental to the 534.71 items:
 - Any cutting of existing culverts and or connectors necessary to install new culvert replacements or extensions.
 - All pipe excavation including any cutting and removal of pavement.
 - All work necessary to connect to existing pipes.
 - Flow lines may be changed by 0.5M.
 - Any necessary clearing of brush and small trees at culvert ends.
15. The following shall be incidental to the Design/Build 534.71 & all 603 item(s):
 - Any cutting of existing culverts and or connectors necessary to install new culvert replacements or extensions.
 - All pipe excavation including any cutting and removal of pavement.
 - All ditching at pipe ends.
 - Furnishing, placing, grading, and compacting of any new gravel and/or fill material including Granular Borrow.
 - Granular Borrow under the pipe shall meet the requirements for Underwater Backfill.
 - All work necessary to connect to existing pipes.
 - Flow lines may be changed by 0.5M.
 - Any necessary clearing of brush and small trees at culvert ends.
16. Existing culverts and catch basins will be cleaned as directed by the Resident under the appropriate Pay Items.
17. As directed by the Resident, all existing Underdrain Outlets shall be located, cleaned out and ditched as required or replaced as necessary.
18. Two guardrail delineator posts will be installed at the leading end and one at the trailing end of each run of guardrail. One delineator post will also be installed at each underdrain outlet.
19. Guardrail 350 Terminals shall be installed concurrently with the placement of each section of beam rail.
20. Wood posts on Guardrail 350 Terminals shall be cut to 25mm (1 in) above the beam.
21. Holes created by Guardrail removal will be filled and compacted with approved materials as directed by the Resident. Payment to be considered incidental to the guardrail items.
22. All guardrail removed becomes the property of the contractor. Removal and disposal shall be considered incidental to the guardrail items.
23. No separate payment for Superintendent or Foreman will be made for the supervision of equipment being paid under appropriate rental items.

24. Trim all tree branches to 6 meters above pavement. Payment shall be made under labor and equipment rental items.
25. "Undetermined Locations", as stated in the Construction Notes, shall be determined by the Resident.
26. Stations referenced in the Construction Notes are approximate.
27. Grind transition tapers at Catch Basins under Item No. 202.203, Pavement Butt Joints, as directed by the Resident.
28. MDOT will final stripe the project. The Contractor will be responsible for transferring the existing striping pattern to the surface course.
29. MDOT found evidence of petroleum-related soil contamination between Stations 9+960 through 10+000, right of centerline at depths of 2 to 3 meters below ground surface. This contamination is deeper than any proposed excavation in the area. Additionally, between Stations 15+120 through 15+160 right of centerline, there exists subsurface areas proximal to the project that may be impacted by petroleum contamination. In light of these findings, the Contractor shall employ appropriate health and safety measures to protect its workers against hazards associated with excavating and working near petroleum-impacted soils. Furthermore, the Contractor shall remain alert for any additional evidence of contamination. If the Contractor encounters evidence of soil or groundwater contamination, the Contractor shall secure the excavation, stop work in the contaminated area, and immediately notify the Engineer. The Engineer shall contact the Hydrogeologist in MDOT's Environmental Office at 207-624-3100 and the Maine Department of Environmental Protection at 800-482-0777. Work may only continue with authorization from the Engineer.
30. Dredge Material (See MDOT Standard Specifications § 101.2) is regulated as a Special Waste. Fifty cubic yards or less of Dredge Material Beneficially Used in the area adjacent to and draining into the dredged water body is exempt from regulation. The Contractor shall ensure that all Dredge Material is placed into the fill areas specified by MDOT. No more than the fifty cubic yards (38 cubic meters) of Dredge Material may be excavated at any site without authorization from the Engineer.
31. All work shall be done in accordance with the Maine Department of Transportation's Best Management Practices for Erosion Control & Sediment Control, January, 2000.

GENERAL DECISION ME020009 04/18/03 ME9
General Decision Number ME020009

Superseded General Decision No. ME010009

State: Maine

Construction Type:
HIGHWAY

County(ies):

AROOSTOOK	KNOX	SAGADAHOC
FRANKLIN	LINCOLN	SOMERSET
HANCOCK	OXFORD	WALDO
KENNEBEC	PISCATAQUIS	YORK

HIGHWAY CONSTRUCTION PROJECTS excluding major bridging (for example: bascule, suspension and spandrel arch bridges; those bridging waters presently navigating or to be navigatable; and those involving marine construction in any degree); tunnels, building structures in rest area projects and railroad construction.

Modification Number	Publication Date
0	03/01/2002
1	12/20/2002
2	04/18/2003

COUNTY(ies):

AROOSTOOK	KNOX	SAGADAHOC
FRANKLIN	LINCOLN	SOMERSET
HANCOCK	OXFORD	WALDO
KENNEBEC	PISCATAQUIS	YORK

* ENGI0004V 04/01/2003

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
Pavers	16.51	6.00
Rollers	16.51	6.00

SUME4024A 10/24/2000

	Rates	Fringes
CARPENTERS	11.60	1.51
IRONWORKERS		
Structural	12.03	1.58
LABORERS		
Drillers	10.00	2.50
Flaggers	6.00	
Guardrail Installers	7.92	
Landscape	7.87	.16
Line Stripper	8.69	.23
Pipelayers	9.21	2.31
Rakers	9.00	1.51
Sign Erectors	10.00	
Unskilled	8.66	1.38
Wheelman	8.50	.43

POWER EQUIPMENT OPERATORS

Backhoes	11.87	2.05
Bulldozers	12.33	2.88
Cranes	14.06	1.75
Excavators	12.38	2.48
Graders	13.06	3.73
Loaders	11.41	2.87
Mechanics	13.18	2.57

TRUCK DRIVERS

Dump	9.35	3.10
Tri axle	8.70	1.18
Two axle	8.56	2.19

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request

review and reconsideration from the Wage and Hour Administrator
(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the
interested party's position and by any information (wage payment
data, project description, area practice material, etc.) that the
requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an
interested party may appeal directly to the Administrative Review
Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

SPECIAL PROVISION
CONSTRUCTION AREA

A Construction Area located in the **Towns of Limington and Cornish** has been established by the Maine Department of Transportation in accordance with provisions of Title 29, Section 1703, Maine Revised Statutes Annotated.

The section of highway under construction in York County, Project STP-AC-STP-9185(00)X is located on Route 25, beginning at Route 11 and extending northwesterly 11.81 km (7.34 mi) to the intersection of Route 5 North.

The State Department of Transportation or the State's Engineer may issue permits for stated periods of time for moving construction equipment without loads, low-bed trailers with overloads, over-height, over-width or over-length equipment or materials over all State maintained sections described in the "Construction Area" above and in addition may issue permits for stated periods of time for moving overweight vehicles and loads over the section described in (a) above. The right to revoke such a permit at any time is reserved by the State Department of Transportation and the issuance of such permits shall be subject to any Special Provisions or Supplemental Specifications written for this project.

A Temporary Permit for each move may be issued by the State Department of Transportation or the State's Engineer for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over highways maintained by the State reasonably within the area of the project.

The Municipal Officers for the **Towns of Limington and Cornish** agreed that a permit will be issued to the Contractor for the purpose of hauling loads in excess of the limits as specified in Title 29, Maine Revised Statutes Annotated, on the town ways as described in the "Construction Area" and that single move permits will be issued for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over town ways reasonably within the area of the project.

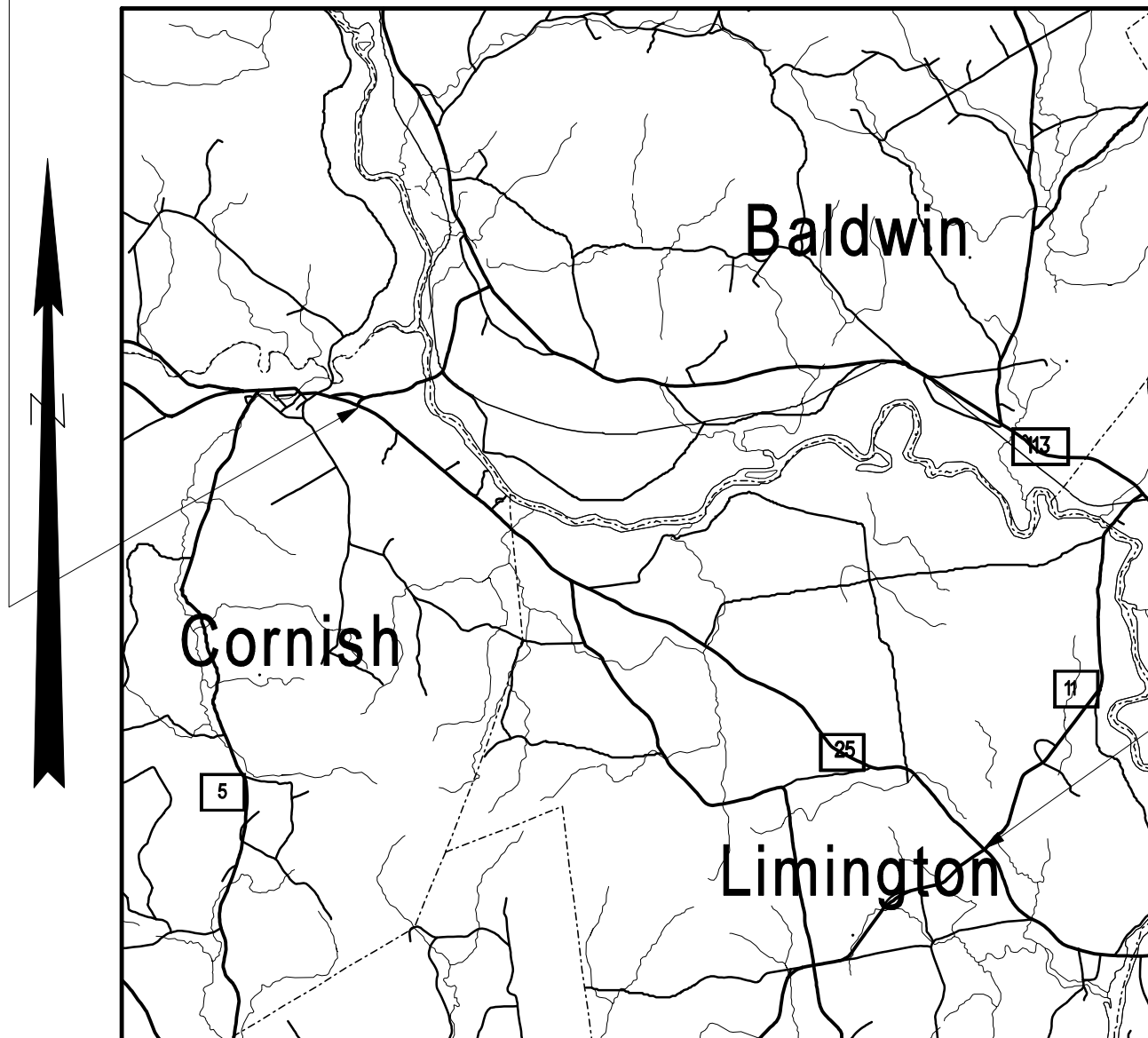
In the event it is necessary to transport gravel, borrow, or other construction material in legally registered vehicles carrying legal loads over town ways, a Contractor's Bond of not more than Nine Thousand (\$9,000.00) per kilometer of traveled length may be required by the town, the exact amount of said bond to be determined prior to use of any town way.

The maximum speed limits for trucks on any town way will be forty (40) km per hour [25 mph], unless a higher legal limit is specifically agreed upon in writing by the Municipal Officers concerned.

STP-9185(00)X

BEGIN PROJECT STA 3+846

END PROJECT STA 15+656



LOCATION MAP



Scale in Kilometers

SPECIAL PROVISION
CONSTRUCTION AREA

Title 29A, M.R.S.A., Subsection 2383. Overlimit movement permits

1. Overlimit movement permits issued by State. The Secretary of State, acting under guidelines and advice of the Commissioner of Transportation, may grant permits to move non-divisible objects having a length, width, height or weight greater than specified in this Title over a way or bridge maintained by the Department of Transportation.
2. Permit Fee. The Secretary of State, with the advice of the Commissioner of Transportation, may set the fee for these permits, at not less than \$3, nor more than \$15, based on weight, height, length and width.
3. County and municipal permits. A permit may be granted, for a reasonable fee, by county commissioners or municipal officers for travel over a way or bridge maintained by that county or municipality.
4. Permits for weight. A vehicle granted a permit for excess weight must first be registered for the maximum gross vehicle weight allowed for that vehicle.
5. Special mobile equipment. The Secretary of State may grant a permit, for no more than one year, to move pneumatic-tire equipment under its own power, including Class A and Class B special mobile equipment, over ways and bridges maintained by the Department of Transportation. The fee for that permit is \$15 for each 30-day period.
6. Scope of permit. A permit is limited to the particular vehicle or object to be moved and particular ways and bridges.
7. Construction permits. A permit for a stated period of time may be issued for loads and equipment employed on public way construction projects, United States Government projects or construction of private ways, when within construction areas established by the Department of Transportation. The Permit:
 - A. Must be procured from the municipal officers for a construction area within that municipality;
 - B. May require the Contractor to be responsible for damage to ways used in the construction areas and may provide for:
 - (1) Withholding by the agency of the work of final payment under contract; or
 - (2) The furnishing of a bond by the Contractor to guarantee suitable repair or payment of damages.
 - C. May be granted by the Department of Transportation or by the state engineer in charge of the construction contract; and
 - D. For construction areas, carries no fee and does not come within the scope of this section.
8. Gross vehicle weight permits. The following may grant permits to operate a vehicle having a gross vehicle weight exceeding the prescribed limit:

- A. The Secretary of State, with the consent of the Department of Transportation, for state and state aid highways and bridges within city or compact village limits;
 - B. Municipal officers, for all other ways and bridges within that city and compact village limits; and
 - C. The county commissioners, for county roads and bridges located in unorganized territory.
9. Pilot vehicles and state police escorts. Pilot vehicles required by a permit must be equipped with warning lights and signs as required by the Secretary of State with the advice of the Department of Transportation.

Warning lights may only be operated and lettering on the signs may only be visible on a pilot vehicle while it is escorting on a public way a vehicle with a permit.

The Secretary of State shall require a State Police escort for a single vehicle or a combination of vehicles of 125 feet or more in length or 16 feet or more in width. The Secretary of State, with the advice of the Commissioner of Transportation, may require vehicles of lesser dimensions to be escorted by the State Police.

The Bureau of State Police shall establish a fee for State Police escorts.

All fees collected must be used to defray the cost of services provided.

With the advice of the Commissioner of Transportation and the Chief of the State Police, the Secretary of State shall establish rules for the operation for the operation of pilot vehicles.

10. Taxes paid. A permit for a mobile home may not be granted unless the applicant provides reasonable assurance that all property taxes, sewage disposal charges and drain and sewer assessments applicable to the mobile home, including those for the current tax year, have been paid or that the mobile home is exempt from those taxes.

1993, c. 683, § S-2, eff. January 1, 1995.

Historical and Statutory Notes

Derivation:

R.S. 1954, c. 22 § 98
Laws 1955, c. 389
Laws 1967, c. 3.
Laws 1971, c. 593, § 22.
Laws 1973, c. 213.
Laws 1975, c. 130, §
Laws 1975, c. 319, § 2

Laws 1977, c. 73, § 5.
Laws 1981, c. 413.
Laws 1985, c. 225, § 1
Laws 1987, c. 52.
Laws 1987, 781, § 3.
Laws 1989, c. 866, § B-13.
Laws 1991, c. 388, § 8.
Laws 1993, c. 683, § A-1.
Former 29 M.R.S.A. § 2382.

Cross Reference

Collection by Secretary of State, See 29-A
M.R.S.A. § 154.

SPECIAL PROVISION
CORRECTIONS, ADDITIONS AND REVISIONS
Standard Specifications - Revision of December 2002

SECTION 101
CONTRACT INTERPRETATION

101.2 Definitions - Closeout Documentation

Replace the sentence “A letter stating the amount..... DBE goals.” with “DBE Goal Attainment Verification Form”

SECTION 102
DELIVERY OF BIDS
(Location and Time)

102.7.1 Location and Time

Add the following sentence “As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book.”

SECTION 106
QUALITY

106.6 Acceptance Add the following to paragraph 1 of A: “This includes Sections 401 - Hot Mix Asphalt, 402 - Pavement Smoothness, and 502 - Structural Concrete - Method A - Air Content.”

Add the following to the beginning of paragraph 3 of A: “For pay factors based on Quality Level Analysis, and”

SECTION 107
TIME

107.3.1 General Add the following: “If a Holiday occurs on a Sunday, the following Monday shall be considered a Holiday. Sunday or Holiday work must be approved by the Department, except that the Contractor may work on Martin Luther King Day, President’s Day, Patriot’s Day, the Friday after Thanksgiving, and Columbus Day without the Department’s approval.”

SECTION 402
PAVEMENT SMOOTHNESS

Add the following:

“Projects to have their pavement smoothness analyzed in accordance with this Specification will be so noted in Special Provision 403 - Bituminous Box.”

“402.02 Lot Size Lot size for smoothness will be 1000 lane-meters [3000 lane-feet]. A subplot will consist of 20 lane-meters [50 lane-feet]. Partial lots will be included in the previous lot if less than one-half the size of a normal lot. If greater than one-half the normal lot size, it will be tested as a separate lot.”

SECTION 502
STRUCTURAL CONCRETE

502.0502 Quality Assurance Method A - Rejection by Resident Change the first sentence to read: “For an individual subplot with test results failing to meet the criteria in Table #1, or if the calculated pay factor for Air Content is less than 0.80.....”

502.0503 Quality Assurance Method B - Rejection by Resident Change the first sentence to read: “For material represented by a verification test with test results failing to meet the criteria in Table #1, the Department will.....”

502.0505 Resolution of Disputed Acceptance Test Results Combine the second and third sentence to read: “Circumstances may arise, however, where the Department may”

SECTION 604
MANHOLES, INLETS, AND CATCH BASINS

604.02 Materials Add the following:

“Tops and Traps	712.07
Corrugated Metal Units	712.08
Catch Basin and Manhole Steps	712.09”

SECTION 615 LOAM

618.02 Materials Make the following change:

Organic Content

Percent by Volume

Humus "5% - 10%", as determined by
Ignition Test

SECTION 618 SEEDING

618.01 Description Change the first sentence to read as follows: "This work shall consist of furnishing and applying seed"

Remove "and cellulose fiber mulch" from 618.01(a).

618.03 Rates of Application In 618.03(a), remove the last sentence and replace with the following: "These rates shall apply to Seeding Method 2, 3, and Crown Vetch."

618.09 Construction Method In 618.09(a) 1, sentence two, replace "100 mm [4 in]" with "25 mm [1 in] (Method 1 areas) and 50 mm [2 in] (Method 2 areas)"

SECTION 620 GEOTEXTILES

620.03 Placement Section (c)

Title: Replace "Non-woven" in title with "Erosion Control".

First Paragraph: Replace first word "Non-woven" with "Woven monofilament".

Second Paragraph: Replace second word "Non-woven" with "Erosion Control".

620.07 Shipment, Storage, Protection and Repair of Fabric Section (a)

Replace the third sentence with the following: "Damaged geotextiles, as identified by the Resident, shall be repaired immediately."

620.09 Basis of Payment

Pay Item 620.58: Replace "Non-woven" with "Erosion Control"

Pay Item 620.59: Replace "Non-woven" with "Erosion Control"

SECTION 712 MISCELLANEOUS HIGHWAY MATERIALS

Add the following:

“712.07 Tops, and Traps These metal units shall conform to the plan dimensions and to the following specification requirements for the designated materials.

Gray iron castings shall conform to the requirements of AASHTO M105, Class 30, unless otherwise designated.

Carbon steel castings shall conform to the requirements of AASHTO M103/M103M. Grade shall be 450-240 [65-35] unless otherwise designated.

Structural steel shall conform to the requirements of AASHTO M183/M183M or ASTM A283/A283M, Grade B or better. Galvanizing, where specified for these units, shall conform to the requirements of AASHTO M111.

712.08 Corrugated Metal Units The units shall conform to plan dimensions and the metal to AASHTO M36/M36M. Bituminous coating, when specified, shall conform to AASHTO M190 Type A.

712.09 Catch Basin and Manhole Steps Steps for catch basins and for manholes shall conform to ASTM C478M [ASTM C478], Section 13 for either of the following material:

- (a) Aluminum steps-ASTM B221M, [ASTM B211] Alloy 6061-T6 or 6005-T5.
- (b) Reinforced plastic steps Steel reinforcing bar with injection molded plastic coating copolymer polypropylene. Polypropylene shall conform to ASTM D 4101.

712.23 Flashing Lights Flashing Lights shall be power operated or battery operated as specified.

- (a) Power operated flashing lights shall consist of housing, adapters, lamps, sockets, reflectors, lens, hoods and other necessary equipment designed to give clearly visible signal indications within an angle of at least 45 degrees and from 3 to 90 m [10 to 300 ft] under all light and atmospheric conditions.

Two circuit flasher controllers with a two-circuit filter capable of providing alternate flashing operations at the rate of not less than 50 nor more than 60 flashes per minute shall be provided.

The lamps shall be 650 lumens, 120 volt traffic signal lamps with sockets constructed to properly focus and hold the lamp firmly in position.

The housing shall have a rotatable sun visor not less than 175 mm [7 in] in length designed to shield the lens.

Reflectors shall be of such design that light from a properly focused lamp will reflect the light rays parallel. Reflectors shall have a maximum diameter at the point of contact with the lens of approximately 200 mm [8 in].

The lens shall consist of a round one-piece convex amber material which, when mounted, shall have a visible diameter of approximately 200 mm [8 in]. They shall distribute light and not diffuse it. The distribution of the light shall be asymmetrical in a downward direction. The light distribution of the lens shall not be uniform, but shall consist of a small high intensity portion with narrow distribution for long distance throw and a larger low intensity portion with wide distribution for short distance throw. Lenses shall be marked to indicate the top and bottom of the lens.

(b) Battery operated flashing lights shall be self-illuminated by an electric lamp behind the lens. These lights shall also be externally illuminated by reflex-reflective elements built into the lens to enable it to be seen by reflex-reflection of the light from the headlights of oncoming traffic. The batteries must be entirely enclosed in a case. A locking device must secure the case. The light shall have a flash rate of not less than 50 nor more than 60 flashes per minute from minus 30 °C [minus 20 °F] to plus 65 °C [plus 150 °F]. The light shall have an on time of not less than 10 percent of the flash cycle. The light beam projected upon a surface perpendicular to the axis of the light beam shall produce a lighted rectangular projection whose minimum horizontal dimension shall be 5 degrees each side of the horizontal axis. The effective intensity shall not have an initial value greater than 15.0 candelas or drop below 4.0 candelas during the first 336 hours of continuous flashing. The illuminated lens shall appear to be uniformly bright over its entire illuminated surface when viewed from any point within an angle of 9 degrees each side of the vertical axis and 5 degrees each side of the horizontal axis. The lens shall not be less than 175 mm [7 in] in diameter including a reflex-reflector ring of 13 mm [½ in] minimum width around the periphery. The lens shall be yellow in color and have a minimum relative luminous transmittance of 0.440 with a luminance of 2854° Kelvin. The lens shall be one-piece construction. The lens material shall be plastic and meet the luminous transmission requirements of this specification. The case containing the batteries and circuitry shall be constructed of a material capable of withstanding abuse equal to or greater than 1.21 mm thick steel [No. 18 U.S. Standard Gage Steel]. The housing and the lens frame, if of metal shall be properly cleaned, degreased and pretreated to promote adhesion. It shall be given one or more coats of enamel which, when dry shall completely obscure the metal. The enamel coating shall be of such quality that when the coated case is struck a light blow with a sharp tool, the paint will not chip or crack and if scratched with a knife

will not powder. The case shall be so constructed and closed as to exclude moisture that would affect the proper operation of light. The case shall have a weep hole to allow the escape of moisture from condensation. Photoelectric controls, if provided, shall keep the light operating whenever the ambient light falls below 215 lx [20 foot candles]. Each light shall be plainly marked as to the manufacturer's name and model number.

If required by the Resident, certification as to conformance to these specifications shall be furnished based on results of tests made by an independent testing laboratory. All lights are subject to random inspection and testing. All necessary random samples shall be provided to the Resident upon request without cost to the Department. All such samples shall be returned to the Contractor upon completion of the tests.

712.32 Copper Tubing Copper tubing and fittings shall conform to the requirements of ASTM B88M Type A [ASTM B88, Type K] or better.

712.33 Non-metallic Pipe, Flexible Non-metallic pipe and pipe fittings shall be acceptable flexible pipe manufactured from virgin polyethylene polymer suitable for transmitting liquids intended for human or animal consumption.

712.34 Non-metallic Pipe, Rigid Non-metallic pipe shall be Schedule 40 polyvinylchloride (PVC) that meets the requirement of ASTM D1785. Fittings shall be of the same material.

712.341 Metallic Pipe Metallic pipe shall be ANSI, Standard B36.10, Schedule 40 steel pipe conforming to the requirements of ASTM A53 Types E or S, Grade B. End plates shall be steel conforming to ASTM A36/A36M.

Both the sleeve and end plates shall be hot dip galvanized. Pipe sleeve splices shall be welded splices with full penetration weld before galvanizing.

712.35 Epoxy Resin Epoxy resin for grouting or sealing shall consist of a mineral filled thixotropic, flexible epoxy resin having a pot life of approximately one hour at 10°C [50°F]. The grout shall be an approved product suitable for cementing steel dowels into the preformed holes of curb inlets and adjacent curbing. The sealant shall be an approved product, light gray in color and suitable for coating the surface.

712.36 Bituminous Curb The asphalt cement for bituminous curb shall be of the grade required for the wearing course, or shall be Viscosity Grade AC-20 meeting the current requirements of Subsection 702.01 Asphalt Cement. The aggregate shall conform to the requirements of Subsection 703.07. The coarse aggregate portion retained on the 2.36 mm [No. 8] sieve may be either crushed rock or crushed gravel.

The mineral constituents of the bituminous mixture shall be sized and graded and combined in a composite blend that will produce a stable durable curbing with an acceptable texture.

Bituminous material for curb shall meet the requirements of Section 403 - Hot Bituminous Pavement.

712.37 Precast Concrete Slab Portland cement concrete for precast slabs shall meet the requirements of Section 502 - Structural Concrete, Class A.

The slabs shall be precast to the dimension shown on the plans and cross section and in accordance with the Standard Detail plans for Concrete Sidewalk Slab. The surface shall be finished with a float finish in accordance with Subsection 502.14(c). Lift devices of sufficient strength to hold the slab while suspended from cables shall be cast into the top or back of the slab.

712.38 Stone Slab Stone slabs shall be of granite from an acceptable source, hard, durable, predominantly gray in color, free from seams which impair the structural integrity and be of smooth splitting character. Natural color variations characteristic of the deposit will be permitted. Exposed surfaces shall be free from drill holes or indications of drill holes. The granite slabs in any one section of backslope must be all the same finish.

The granite slabs shall be scabble dressed or sawed to an approximately true plane having no projections or depressions over 13 mm [$\frac{1}{2}$ in] under a 600 mm [2 ft] straightedge or over 25 mm [1 in] under a 1200 mm [4 ft] straightedge. The arris at the intersection of the top surface and exposed front face shall be pitched so that the arris line is uniform throughout the length of the installed slabs. The sides shall be square to the exposed face unless the slabs are to be set on a radius or other special condition which requires that the joints be cut to fit, but in any case shall be so finished that when the stones are placed side by side no space more than 20 mm [$\frac{3}{4}$ in] shall show in the joint for the full exposed height.

Liftpin holes in all sides will be allowed except on the exposed face.

SECTION 717 ROADSIDE IMPROVEMENT MATERIAL

717.05 Mulch Binder. Change the third sentence to read as follows:

“Paper fiber mulch may be used as a binder at the rate of 2.3 kg/unit [5 lb/unit].”

SPECIAL PROVISIONS
SECTION 104
Utilities

MEETING

A Pre-construction Utility Conference, as defined in Subsection 104.4.6 of the Standard Specifications is required.

GENERAL INFORMATION

These Special Provisions outline the arrangements that have been made by the Department for utility and/or railroad work to be undertaken in conjunction with this project. The following list identifies all known utilities or railroads having facilities presently located within the limits of this project or intending to install facilities during project construction.

Overview:

Utility/Railroad	Aerial	Underground	Railroad
Adelphia Communications Corporation	X		
Central Maine Power Company	X		
Cornish Water Company		X	
Standish Telephone Company	X	X	
Verizon	X		

Temporary utility adjustments are **not** anticipated.

All adjustments are to be made by the respective utility/railroad unless otherwise specified herein.

AERIAL

Aerial Utility adjustments are anticipated as part of this project.

Summary:

Utility	Pole Set	New Wires/ Cables	Trans. Wires/ Cables	Remove Poles	Estimated Working Days
Adelphia Communications Corporation			✓		5
Central Maine Power Company	✓		✓	✓	15
Standish Telephone Company			✓		5
Verizon			✓		5
Total:					30

Utility Specific Issues:

The following have Aerial facilities along Project Limits.

Adelphia Communications Corporation
Central Maine Power Company
Standish Telephone Company
Verizon

Steve Gendell **892-7573**
Dennis Chadbourne **828-2860**
Russ Lovejoy **642-7219**
Marty Pease **797-1170**

Pole List:

Existing Pole #	Existing Station	Left/Right		Existing Offset	Proposed Station New Alignment	Left/Right		Proposed Offset	Comments
		L T	R T			L T	R T		
CMP 1/257	3+860		X	18.9'	Same		X	Minimum 21'	CMP Set
CMP 2/258	3+906		X	17.3'	Same		X	Minimum 21'	CMP Set
CMP 3/259	3+951		X	17.0'	Same		X	Minimum 21'	CMP Set
CMP 4/260	3+994		X	16.4'	Same		X	Minimum 21'	CMP Set
CMP 5/261	4+042		X	17.7'	Same		X	Minimum 21'	CMP Set
CMP 6/262	4+103		X	18.6	Same		X	Minimum 21'	CMP Set
CMP 27/286			X	17' +/-	Same		X	Minimum 21'	CMP Set
CMP 29/288			X	17' +/-	Same		X	Minimum 21'	CMP Set

Note: Other pole relocates may be necessary, to be determined at pre-construction meeting.

SAFE PRACTICES AROUND UTILITY FACILITIES

The Contractor shall be responsible for complying with M.R.S.A. Title 35-A, Chapter 7-A Sections 751 - 761 Overhead High-Voltage Line Safety Act. Prior to commencing any work that may come within ten (10) feet of any aerial electrical line; the Contractor shall notify the aerial utilities as per Section 757 of the above act.

When the Contractor or others are involved in activities around any facilities, such as handling highway concrete safety barriers, doing temporary support of utility poles, requesting temporary safety covering of electrical power lines, excavating around underground utilities, etc., the Utilities request that they be notified at least five (10) working days in advance. The advance notice shall allow the utility the opportunity to be in attendance for the protection of their facility as well as promote worker safety.

SUBSURFACE

Summary:

Utility	Summary of Work	Estimated Working Days
Cornish Water Company	Adjust water gate boxes to finish grade	**
Standish Telephone Company	Adjust Manhole to finish grade	30
Total:		30

Utility Specific Issues:

Cornish Water Company

Brad Pike

625-8642, Pager-580-1318

** - Will adjust in conjunction with Paving Activities.

The Utility has approximately (8) water gate boxes that they plan to adjust to the new finish grade. This work will be coordinated with the Contractor after the shim course and prior to final paving. The Contractor shall notify the Utility (3) weeks prior to paving.

Standish Telephone Company

Russ Lovejoy

642-7219

Standish Telephone Company has extensive underground plant within the limits of this project. Standish Telephone Company require a minimum of a 5 (five) working day prior notice for each excavation area within the limits of this project. The Contractor must use extreme caution during any excavation operation. The Contractor shall coordinate excavation activities with Standish Telephone Company to ensure the underground telephone installations are not harmed during excavation.

If Standish Telephone Company's underground facilities needs to be replaced due to extensive in-the-field changes, they will require 5(five) working days. The Contractor shall coordinate excavation, and any other activities that may harm the existing facilities with Somerset Telephone Company.

DIG SAFE

The Contractor shall be responsible for determining the presence of underground utility facilities prior to commencing any excavation work and shall notify utilities of proposed excavation in accordance with M.R.S.A. Title 23 §3360-A, Maine "Dig Safe" System.

MAINTAINING UTILITY LOCATION MARKINGS

The Contractor will be responsible for maintaining the buried utility location markings following the initial locating by the appropriate utility or their designated representative.

THE CONTRACTOR SHALL PLAN AND CONDUCT HIS WORK ACCORDINGLY

Town:Limington/Cornish
PIN #:9185.00
Date:March 11, 2003

SPECIAL PROVISION
SECTION 105
General Scope of Work
(Environmental Requirements)

Stream Name(s) with Station #s:Stone Brook(W) 6+292

Instream Work shall not be allowed between the dates of 10/1 and 5/31.
(Instream work is allowed from 6/15 to 9/30.)

Special Conditions: Instream work shall be conducted during low flows.

Stream Name(s) with Station #s:Stone Brook(E) 5+291

Instream Work shall not be allowed between the dates of 10/1 and 6/30.
(Instream work is allowed from 7/1 to 9/30.)

Special Conditions: Instream work shall be conducted during low flows. New culvert shall be embedded into stream substrate 12" (305mm)

Stream Name(s) with Station #s:Back Brook 9+005

Instream Work shall not be allowed between the dates of 10/1 and 7/14.
(Instream work is allowed from 7/15 to 9/30.)

Special Conditions: Instream work shall be conducted during low flows. New culvert shall be embedded into stream substrate 24" (610mm)

Instream work consists of any activity conducted below the normal high water mark.

Working in water above the normal high water mark does not meet the condition of working during low flows and therefore is prohibited.

All activities are prohibited (including placement and removal of cofferdams) below the normal high water mark and non low flow conditions during the instream work window restriction, except for the following:

- Work within a sealed and dewatered cofferdam. Maintenance pumping within a sealed cofferdam is also allowed.

No construction activity, whether temporary or permanent, is allowed that completely blocks a river, stream, or brook without providing downstream flow.

The contractor shall abide by all permits and conditions.

Special Provision
Section 107
Prosecution and Progress
(Contract Time)

- 1. The contractor will be allowed to commence work anytime as long as all applicable plans required under this contract have been submitted and approved.**
- 2. The completion date for this project is June 19, 2004.**
- 3. For every weekday not worked once operations commence, the contractor will be charged \$500.00 in Liquidated Damages (excluding inclement weather days).**
- 4. A 24 hour notice will be required for any changes in the work schedule.**

SPECIAL PROVISION
SECTION 107
SCHEDULING OF WORK

Replace Section 107.4.2 with the following:

"107.4.2 Schedule of Work Required Within 21 Days of Contract Execution and before beginning any on-site activities, the Contractor shall provide the Department with its Schedule of Work. The Contractor shall plan the Work, including the activity of Subcontractors, vendors, and suppliers, such that all Work will be performed in Substantial Conformity with its Schedule of Work. The Schedule must include sufficient time for the Department to perform its functions as indicated in this Contract, including QA inspection and testing, approval of the Contractor's TCP, SEWPCP and QCP, and review of Working Drawings.

At a minimum, the Schedule of Work shall include a bar chart which shows the major Work activities, milestones, durations, and a timeline. Milestones to be included in the schedule include: (A) start of Work, (B) beginning and ending of planned Work suspensions, (C) Completion of Physical Work, and (D) Completion. If the Contractor Plans to Complete the Work before the specified Completion date, the Schedule shall so indicate.

Any restrictions that affect the Schedule of Work such as paving restrictions or In-Stream Work windows must be charted with the related activities to demonstrate that the Schedule of Work complies with the Contract.

The Department will review the Schedule of Work and provide comments to the Contractor within 20 days of receipt of the schedule. The Contractor will make the requested changes to the schedule and issue the finalized version to the Department."

SPECIAL PROVISION
SECTION 401
HOT MIX ASPHALT PAVEMENT

Section 401 - Hot Mix Asphalt Pavement, subsection 401.222 Pay Factor (PF) (Methods A and B), paragraph 1 through 3, has been deleted and replaced with the following revision. These revisions will remain in effect for all Hot Mix Asphalt Pavements to be placed in calendar year 2003.

All Hot Mix Asphalts Pavements to be placed in calendar year 2004 will be governed by the limits outlined in Section 401, subsection 401.222 of the Standard Specifications.

“401.222 Pay Factor (PF) (Methods A and B) The Department will use density, Performance Graded Asphalt Binder content, voids @N_d, VMA, VFB, F/B^e, and the screen sizes listed in Table 10 for the type of HMA represented in the JMF. The Department will evaluate materials using the following price adjustment factors under Section 106.7 - Quality Level Analysis.

The Department will apply price adjustments to the appropriate Hot Mix Asphalt Pavement pay items. Price adjustments shall be applied based on test results for each lot. If any pay factor for any single property (or composite gradation) falls below 0.85, the Contractor shall shut down the HMA plant. If any single pay factor for PGAB Content, VMA, or Air Voids falls below 0.75 for Method A or 0.83 for Method B, the composite pay factor for PGAB Content, VMA, and Air Voids shall be 0.55 for Method A or 0.70 for Method B.

If the pay factor for Density falls below 0.75 for Method A or 0.83 for Method B, all of the cores will be randomly recut by Sublot. A new pay factor will be calculated that combines all initial and retest results. If the resulting pay factor is below 0.75 for Method A or below 0.83 for Method B, the entire Lot shall be removed and replaced with material meeting the specifications at no additional cost to the Department. Pay factors equal to or greater than the reject level will be paid accordingly.”

SPECIAL PROVISION
SECTION 403
SUPERPAVE HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. of Layers	Comp. Notes
<u>Main Line Traveled Way</u>						
<u>Overlay</u>						
Wearing	9.5mm	403.210	N/A	30mm	1	4,7
Shim	9.5mm	403.211	N/A	variable	1/more	2,4,7,10
<u>Shoulder Overlay</u>						
Wearing	9.5mm	403.210	N/A	30mm	1	4,7
Shim	9.5mm	403.211	N/A	variable	1/more	2,4,7,10
<u>Main Line Traveled Way</u>						
<u>Struts</u>						
Wearing	9.5mm	403.210	N/A	30mm	1	4,7
Base	19.0mm	403.207	N/A	115mm	2/more	4,9,11
<u>Strut Shoulder</u>						
Wearing	9.5mm	403.210	N/A	30mm	1	4,7
Shim	19.0mm	403.207	N/A	40mm	1/more	4,9,11
<u>Approach Roads</u>						
Wearing	9.5mm	403.210	N/A	40mm	1	4,7
<u>Drives, Islands, Misc.</u>						
Wearing	9.5mm	403.209	N/A	50mm	1/more	2,3,9,10,13

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS
7. Section 106.6 Acceptance, (1) Method A.
9. Section 106.6 Acceptance, (2) Method C.
10. A **“FINE”** 9.5 mm mix with a gradation above or through the restricted zone shall be used for this item.
11. A mixture meeting the gradation of 12.5 mm hot mix asphalt may be used at the option of the contractor.
13. A mixture meeting the requirements of section 703.09 Grading ‘D’, with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.

**Limington-Cornish
STP-9185(00)X
Level II
Route 25
June 9, 2003**

Tack Coat

A tack coat of emulsified asphalt, RS-1 or HFMS-1, Item #409.15 shall be applied to any existing pavement at a rate of approximately 0.08 L/m², and on milled pavement approximately 0.2 L/m², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.08 L/m².

Tack used between new layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

SPECIAL PROVISION
SECTION 534
PRECAST STRUCTURAL CONCRETE
(Precast Structural Concrete Arches, Box Culverts)

534.10 Description The Contractor shall design, manufacture, furnish, and install elements, precast structural concrete structures, arches, or box culverts and associated wings, headwalls, and appurtenances, in accordance with the contract documents.

534.20 Materials Structural precast elements for the arch or box culvert and associated precast elements shall meet the requirements of the following Subsection:

Structural Precast Concrete Units

712.061

Grout, concrete patching material, and geotextiles shall be one of the products listed on the Department's list of prequalified materials, unless otherwise approved by the Department.

534.30 Design Requirements The Contractor shall design the precast structural concrete structure in accordance with the AASHTO Standard Specifications for Highway Bridges, current edition, by either the Load Factor Design (LFD) or Load and Resistance Factor Design (LRFD) method. The design live load shall be as follows: MS-22.5 (HS-25) for LFD method, *modified HL-93 Strength I for LRFD method. *(modify HL-93 by increasing all wheel loads by a factor of 1.25)

The Contractor shall submit design calculations and shop drawings for the precast structure to the Department for approval. A Registered Professional Engineer, licensed in accordance with State of Maine laws, shall sign and seal all design calculations and drawings. The Contractor shall submit a bridge rating on the Department's Standard Bridge Rating Summary Sheet with the design calculations. Drawings shall conform with Section 105.7 - Working Drawings.

The Contractor shall submit the following items for review by the Resident at least ten working days prior to production:

- A) The name and location of the manufacturer.
- B) Method of manufacture and material certificates.
- C) Description of method of handling, storing, transporting, and erecting the members.
- D) Shop Drawings with the following minimum details:
 - 1) Fully dimensioned views showing the geometry of the members, including all projections, recesses, notches, openings, block outs, and keyways.
 - 2) Details and bending schedules of reinforcing steel including the size, spacing, and location. Reinforcing provided under lifting devices shall be shown in detail.
 - 3) Details and locations of all items to be embedded.
 - 4) Total mass (weight) of each member.

534.40 Construction Requirements The applicable provisions of Subsection 535.10 - Methods and Equipment and Subsection 535.20 - Forms and Casting Beds shall be met.

Manufacture of Precast Units The internal dimensions shall not vary by more than 1 percent from the design dimensions or 38 mm [1 ½ in], whichever is less. The haunch dimensions shall not vary by more than 19 mm [¾ in] from the design dimension. The dimension of the legs shall not vary by more than 6 mm [¼ in] from the dimension shown on the approved shop drawings.

The slab and wall thickness shall not be less than the design thickness by more than 6 mm [¼ in]. A thickness greater than the design thickness shall not be cause for rejection.

Variations in laying lengths of two opposite surfaces shall not be more than 15 mm [½ in] in any section, except where beveled ends for laying of curves are specified.

The under-run in length of any section shall not be more than 12 mm [½ in].

The cover of concrete over the outside circumferential reinforcement shall be 50 mm [2 in] minimum. The concrete cover over the inside reinforcement shall be 38 mm [1 ½ in] minimum. The clear distance of the end of circumferential wires shall not be less than 25 mm [1 in] or more than 50 mm [2 in] from the end of the sections. Reinforcement shall be single or multiple layers of welded wire fabric or a single layer of deformed billet steel bars.

Welded wire fabric shall meet the space requirements and contain sufficient longitudinal wires extending through the section to maintain the shape and position of the reinforcement. Longitudinal distribution reinforcement may be welded wire fabric or deformed billet steel bars which meet the spacing requirements. The ends of the longitudinal distribution reinforcement shall be not more than 75 mm [3 in] from the ends of the sections.

The inside circumferential reinforcing steel for the haunch radii or fillet shall be bent to match the radii or fillets of the forms.

Tension splices in the reinforcement will not be permitted. For splices other than tension splices, the overlap shall be a minimum of 300 mm [12 in] for welded wire fabric or billet steel bars. The spacing center to center of the circumferential wires in a wire fabric sheet shall be not less than 50 mm [2 in] or more than 100 mm [4 in]. For the wire fabric, the spacing center to center of the longitudinal wires shall not be more than 200 mm [8 in]. The spacing center to center of the longitudinal distribution steel for either line of reinforcing in the top slab shall be not more than 375 mm [15 in].

The members shall be free of fractures. The ends of the members shall be normal to the walls and centerline of the section, within the limits of variation provided, except where beveled ends are specified. The surfaces of the members shall be a smooth steel form or troweled surface finish, unless a form liner is specified. The ends and interior of the assembled structure shall make a continuous line of members with a smooth interior surface.

Defects which may cause rejection of precast units include the following:

- 1) Any discontinuity (crack or rock pocket etc.) of the concrete which could allow moisture to reach the reinforcing steel.
- 2) Rock pockets or honeycomb over 4000 mm² [6 in²] in area or over 25 mm [1 in] deep.
- 3) Edge or corner breakage exceeding 300 mm [12 in] in length or 25 mm [1 in] in depth.
- 4) Extensive fine hair cracks or checks.
- 5) Any other defect that clearly and substantially impacts the quality, durability, or maintainability of the structure as measured by accepted industry standards.

The Contractor shall store and transport members in a manner to prevent cracking or damage. The Contractor shall not place precast members in an upright position until a compressive strength of at least 30 MPa [4350 psi] is attained.

Installation of Precast Units The Contractor shall not ship precast members until sufficient strength has been attained to withstand shipping, handling and erection stresses without cracking, deformation, or spalling (but in no case less than 30 MPa [4350 psi]).

The Contractor shall set precast members on 12 mm [½ in] neoprene pads during shipment to prevent damage to the section legs. The Contractor shall repair any damage to precast members resulting from shipping or handling by saw cutting a minimum of 12 mm [½ in] deep around the perimeter of the damaged area and placing a polymer-modified cementitious patching material.

When footings are required, the Contractor shall install the precast members on concrete footings that have reached a compressive strength of at least 20 MPa [2900 psi]. The Contractor shall construct the completed footing surface to the lines and grades shown on the plans. When checked with a 3 m [10 ft] straightedge, the surface shall not vary more than 6 mm [¼ in] in 3 meters [10 ft]. The footing keyway shall be filled with a non-shrink flowable cementitious grout with a design compressive strength of at least 35 MPa [5075 psi].

The Contractor shall fill holes that were cast in the units for handling, with either Portland cement mortar, or with precast plugs secured with Portland cement mortar or other approved adhesive. The Contractor shall completely fill the exterior face of joints between precast members with an approved material and cover with a minimum 300 mm [12 in] wide joint wrap. The surface shall be free of dirt and deleterious materials before applying the filler material and joint wrap. The Contractor shall install the external wrap in one continuous piece over each member joint, taking care to keep the joint wrap in place during backfilling. The Contractor shall seal the joints between the end unit and attached elements with a non-woven geotextile. The Contractor shall install and tighten the bolts fastening the connection plate(s) between the elements that are designed to be fastened together as designated by the manufacturer.

Final assembly shall be approved by the manufacturer's representative prior to backfilling. The Contractor shall backfill the structure in accordance with the manufacturer's instructions and the Contract documents. The Contractor shall uniformly distribute backfill material in

layers of not more than 200 mm [8 in] depth, loose measure, and thoroughly compact each layer using approved compactors before successive layers are placed. The Contractor shall compact gravel borrow backfill in accordance with Section 203.12 - Construction of Earth Embankment with Moisture and Density Control, except that the minimum required compaction shall be 95 percent of maximum density as determined by AASHTO T99, Method C or D. The Contractor shall place and compact backfill without disturbance or displacement of the wall units, keeping the fill at approximately the same elevation on both sides of the structure. Whenever a compaction test fails, the Contractor shall not place additional backfill over the area until the lift is re-compacted and a passing test achieved.

The Contractor shall use hand-operated compactors within 1.5 m [5 ft] of the precast structure as well as over the top until it is covered with at least 300 mm [12 in] of backfill. Equipment in excess of 11 Mg [12 ton] shall not use the structure until a minimum of 600 mm [24 in] of backfill cover is in place and compacted.

534.50 Method of Measurement The Department will measure Precast Structural Concrete Arch or Box Culvert for payment per Lump Sum each, complete in place and accepted.

534.60 Basis of Payment The Department will pay for the accepted quantity of Precast Structural Concrete Arch or Box Culvert at the Contract Lump Sum price, such payment being full compensation for all labor, equipment, materials, professional services, and incidentals for furnishing and installing the precast concrete elements and accessories. Falsework, reinforcing steel, jointing tape, grout, cast-in-place concrete fill or grout fill for anchorage of precast wings and/or other appurtenances is incidental to the Lump Sum pay item. Cast-in-place concrete, reinforcing steel in cast-in-place elements, excavation, backfill material, and membrane waterproofing will be measured and paid for separately under the provided Contract pay items. Pay adjustments for quality level will not be made for precast concrete.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
534.70 Precast Structural Concrete Arch	Lump Sum
534.71 Precast Concrete Box Culvert	Lump Sum

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC
(Traffic Control)

652.7 Method of Measurement. This entire Subsection is revised to read:

Traffic Control Supervisor, furnishing, installation, and maintenance of all traffic control devices **including flaggers** will be measured as one **lump sum** for all work authorized and performed.

652.8 Basis of Payment. This entire Subsection is revised to read:

Traffic Control will be paid for at the contract **lump sum** price. Payment will be full compensation for the Traffic Control Supervisor, flaggers, approach signs, work area signs, drums, cones, panel markers, barricades, arrow boards etc. and maintenance thereof including the setting up and taking down of lane closures as many times as necessary shall be considered part of the lump sum price.

Maintenance of signs includes: replacing devices damaged, lost, or stolen, and cleaning and moving as many times as necessary throughout the life of the contract, regardless whether the work areas or projects are geographically separated or not separated.

The Lump Sum will be payable in installments as follows: 5% of the Lump Sum once the approach signing is complete and approved, with the 95% balance to be paid as the work progresses at a rate proportional to the percentage completion of the Contract.

Failure by the contractor to follow the Contracts 652 Special Provisions and/or The Manual on Uniform Traffic Control Devices (MUTCD) and/or The Contractors own Traffic Control Plan will result in a reduction in payment, computed by reducing The Lump Sum Total by 5% per occurrence. The Departments Resident Engineer or any other representative of The Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item.

All other requirements under the Standard Specifications Section 652 will be a part of the lump sum item.

There will be no extra payment for this pay item after the expiration of contract time.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
652.39 Work Zone Traffic Control	Lump Sum

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC

Approaches Approach signing shall include the following signs as a minimum. Field conditions may warrant the use of additional signs as determined by the Resident.

Road Work Next x Miles
Road Work 500 Feet
End Road Work

Work Area At each work site, signs and channelizing devices shall be used as directed by the Resident. Signs include:

Road Work xxxx¹
One Lane Road Ahead
Flagger Sign

Other typical signs include:

Be Prepared to Stop
Low Shoulder
Bump
Pavement Ends

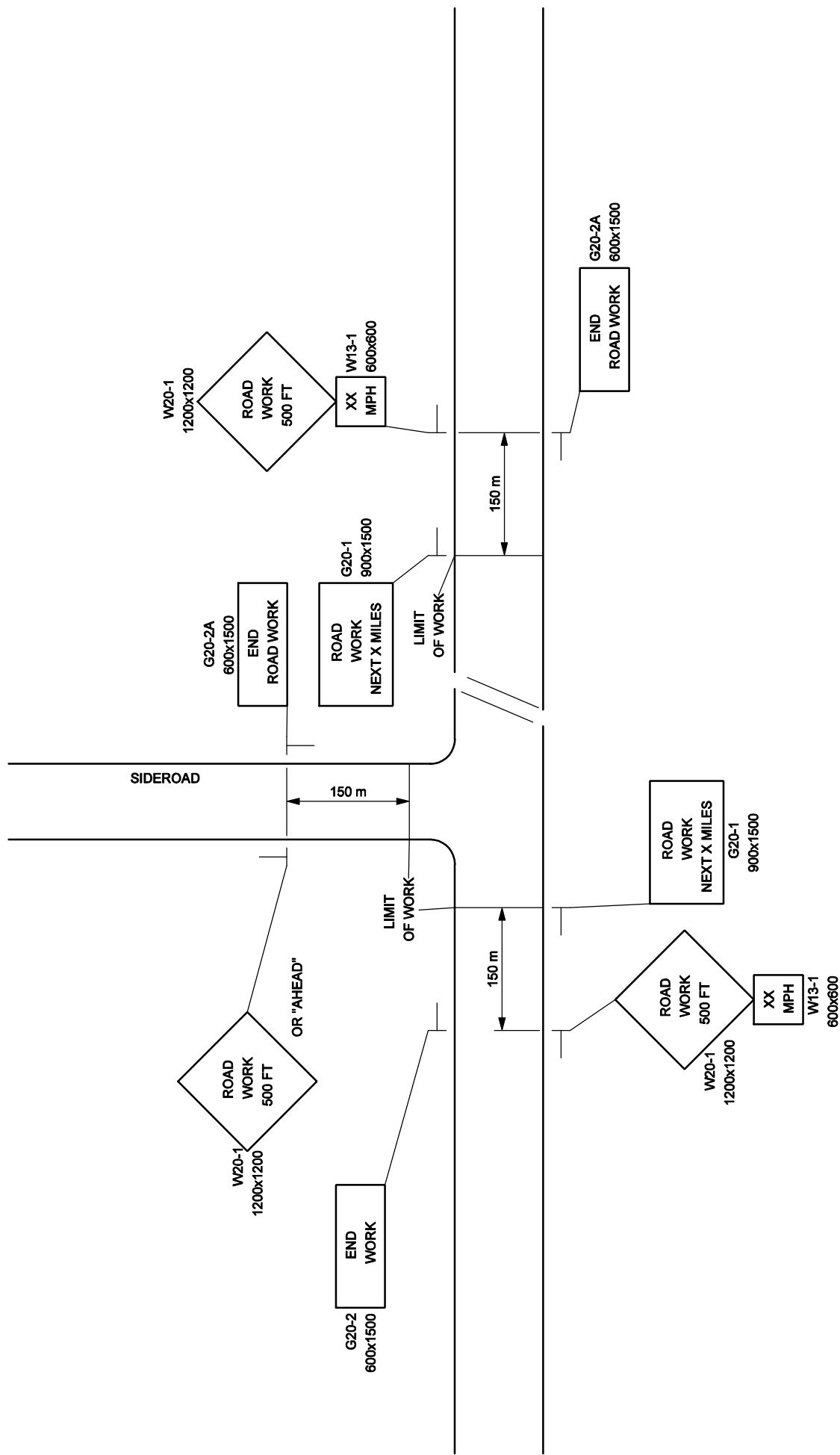
The above lists of Approach signs and Work Area signs are representative of the contract requirements. Other sign legends may be required.

The Contractor shall conduct their operations in such a manner that the roadway will not be restricted to one lane for more than 800 m [2,500 ft] at each work area. Where more than one work area restricts traffic to one lane operation, these work areas shall be separated by at least 1.6 km [1 mile] of two way operation.

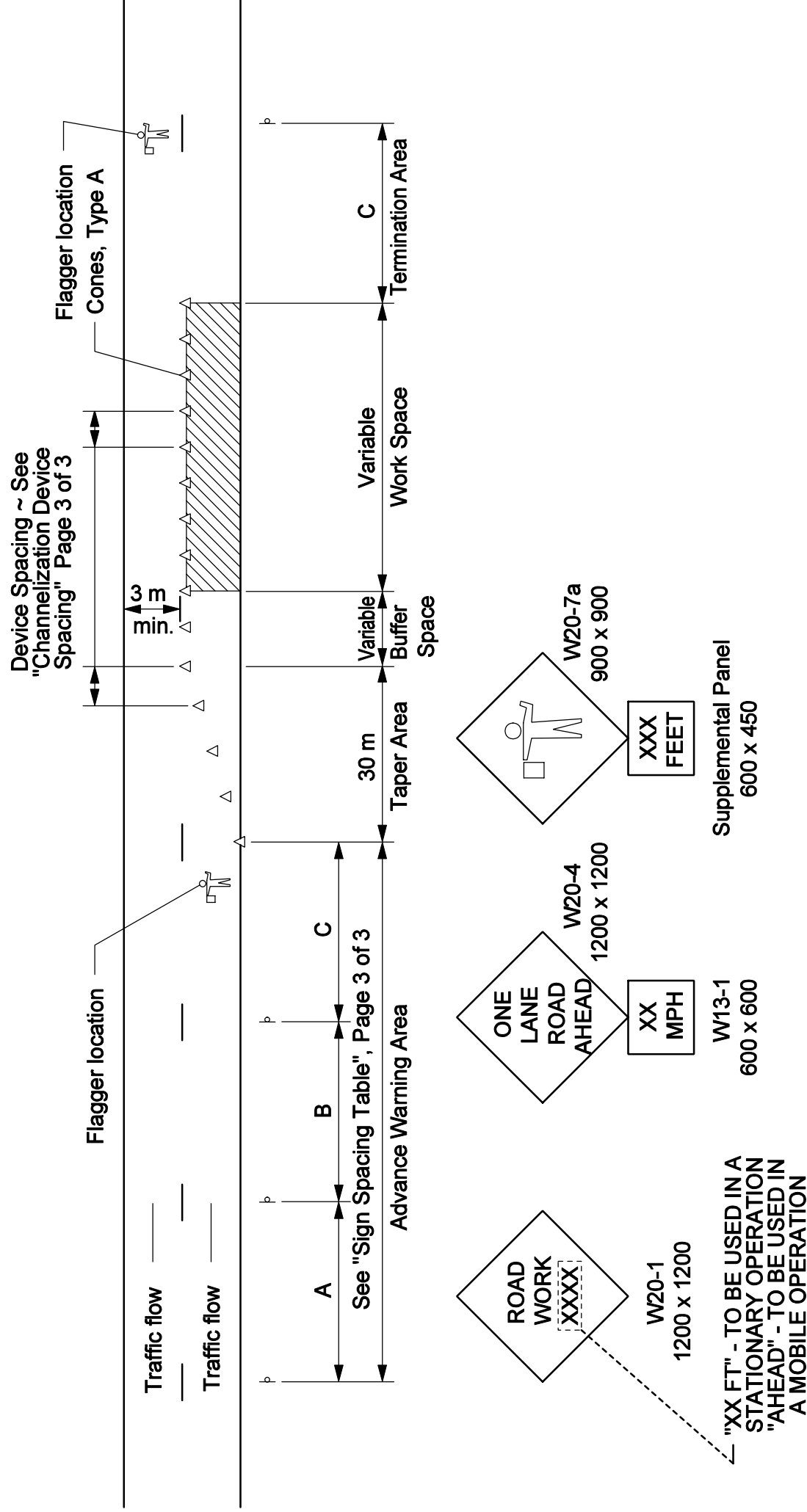
Temporary Centerline A temporary centerline shall be placed each day on all new pavement to be used by traffic. The temporary centerline, when specified of reflectorized traffic paint, shall conform to the standard marking patterns used for permanent markings.

Failure to apply a temporary centerline daily will result in suspension of paving until temporary markers are applied to all previously placed pavement.

¹ "Road Work Ahead" to be used in mobile operations and "Road Work xx ft" to be used in stationary operations as directed by the Resident.



TYPICAL -- PROJECT APPROACH SIGNING -- TWO WAY TRAFFIC



TYPICAL APPLICATION: TWO - WAY, TWO LANE ROADWAY, CLOSING ONE LANE USING FLAGGERS

* Formulas for L are as follows:

For speed limits of 40 mph (60 km/h) or less:

$$L = \frac{WS^2}{60} \quad (L = \frac{WS^2}{155})$$

For speed limits of 45 mph (70 km/h) or greater:

$$L = WS \quad (L = \frac{WS}{1.6})$$

* Formulas for L are as follows:

A minimum of 5 channelization devices shall be used in the taper.

TYPE OF TAPER	TAPER LENGTH (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	100 ft (30 m) maximum
Downstream Taper	100 ft (30 m) per lane

CHANNELIZATION DEVICE SPACING

The spacing of channelization devices shall not exceed a distance equal to 1.0 times the speed limit in mph when used for taper channelization, and a distance in feet of 2.0 times the speed limit in mph when used for tangent channelization.

GENERAL NOTES;

1. Final placement of signs and devices may be changed to fit field conditions as approved by the Resident.

SIGN SPACING TABLE			
Road Type	Distance Between Signs**		
	A	B	C
Urban 30 mph (50 km/h) or less	100 (30)	100 (30)	100 (30)
Urban 35 mph (55 km/h) and greater	350 (100)	350 (100)	350 (100)
Rural	500 (150)	500 (150)	500 (150)
Expressway / Urban Parkway	2,640 (800)	1,500 (450)	1000 (300)

**Distances are shown in feet (meters).

SUGGESTED BUFFER ZONE LENGTHS

Speed (mph)	Length (feet)	Speed (mph)	Length (feet)
20	115	40	325
25	155	45	360
30	200	50	425
35	250	55	495

SPECIAL PROVISION**SECTION 656****Temporary Soil Erosion and Water Pollution Control**

The following is added to Section 656 regarding Project Specific Information and Requirements. All references to the Maine Department of Transportation Best Management Practices for Erosion and Sediment Control (a.k.a. Best Management Practices manual or BMP Manual) are a reference to the latest revision of said manual. The "Table of Contents" of the latest version is dated "1/19/00" (available at <http://www.state.me.us/mdot/mainhtml/bmp/bmpjan2000.pdf>.)

Procedures specified shall be according to the BMP Manual unless stated otherwise.

Any and all references to "bark mulch" or "composted bark mix" shall be a reference to "Erosion Control Mix" in accordance with *Standard Specification, Section 619 - Mulch*.

Project Specific Information and Requirements

The following information and requirements apply specifically to this Project. The temporary soil erosion and water pollution control measures associated with this work shall be addressed in the SEWPCP.

This project is in the **Saco River** watershed, which is listed as a **CLASS AA** waterbody and is considered **SENSITIVE** in accordance with the BMP Manual. The Contractor's SEWPCP shall comply with Section II.B., Guidelines for Sensitive Waterbodies in the BMP Manual.

1. **A preconstruction field review is mandatory for this project. The preconstruction field review shall take place before commencing any work that involves soil disturbance or potential impacts on water quality. Attendees shall include the Environmental Coordinator, the preparer of the SEWPCP, the Resident, and a representative from the Department's ENV Water Resources Unit.** The date and time shall be set by the Contractor in consultation with the Resident and ENV Water Resources Unit representative. **A minimum 5 day notice is required.**
2. **Due to the project sensitivity, the Contractor's SEWPCP shall include specific provisions for sequencing work. Sequencing of any construction phases shall be in the Contractor's SEWPCP to minimize the potential of adverse impacts to resources. The Contractor's SEWPCP shall address the maintenance of temporary stabilization measures of all sections.**
3. The SEWPCP shall describe the location and method of temporary erosion and sediment control for existing and proposed catch basins, outlet areas and culvert inlets and outlets.
4. **Newly disturbed earth shall be mulched by the end of each workday. Mulch shall be maintained on a daily basis.**
5. Dust control items other than those under *Standard Specification, Section 637 – Dust Control*, if applicable, shall be included in the plan.
6. **Permanent slope stabilization measures shall be applied within one week of the last soil disturbance.**

SPECIAL PROVISION**SECTION 656****Temporary Soil Erosion and Water Pollution Control**

7. Permanent seeding shall be done in accordance with *Standard Specification, Section 618 - Seeding* unless the Contract states otherwise.
8. **Culvert inlet and outlet protection shall be installed within 48 hours of culvert installation, or prior to a storm event, whichever is sooner.**
9. After November 1 the Contractor shall use winter stabilization methods, such as Erosion Control Mix as specified in *Standard Specification, Section 619 - Mulch*. If required, spring procedures for permanent stabilization shall also be described in the plan. Use of this product for over-winter temporary erosion control will be incidental to the contract and be paid for as part of Pay Item 656.75.
10. All disturbed ditches shall be stabilized by the end of each workday. Stabilization shall be maintained on a daily basis. **Erosion control blanket shall be installed in the bottoms of all ditches except where a stone lining is planned.** Seed shall be applied prior to the placement of the blanket.
11. If check dams are used, they shall be constructed of stone in accordance with BMP Manual, Section 9.
12. Demolition debris (including debris from wearing surface removal, saw cut slurry, dust, etc.) shall be contained and shall not be allowed to discharge to any resource. All demolition debris shall be disposed of in accordance with *Standard Specifications, Section 202.03 Removing Existing Superstructure, Structural Concrete, Railings, Curbs, Sidewalks and Bridges*. Containment and disposal of demolition debris shall be addressed in the Contractor's SEWPCP.
13. **The Contractor's SEWPCP shall address in-stream work in accordance with Special Provision 105-Environmental Requirements at the following locations:**
 - sta. 5+291 Stone Brook-CLASS A
 - sta. 6+292 Stone Brook-CLASS A
 - sta. 9+005 Back Brook-CLASS A
14. **Stream flow shall be maintained at all times.**
15. Grout from the post-tensioning socket sealing operation and fresh concrete shall not be allowed to contact the stream. Clean out of concrete delivery trucks and the washing of tools shall be addressed in the SEWPCP.
16. **The SEWPCP shall describe the containment method for removal of the existing abutments, including installation of cofferdams and dewatering procedures.**
17. **A cofferdam sedimentation basin is required if cofferdams are used.** The basin shall be located in an upland area where the water can settle and seep into the ground or be released slowly to the resource in a manner that will not cause erosion. **The location of such a cofferdam sedimentation basin shall be addressed in the SEWPCP.**

SPECIAL PROVISION

SECTION 656

Temporary Soil Erosion and Water Pollution Control

18. Prior to release to a natural resource, any impounded water that has been in contact with concrete placed during construction must have a pH between 6.0 and 8.5, must be within one pH unit of the background pH level of the resource and shall have a turbidity no greater than the receiving resource. This requirement is applicable to concrete that is placed or spilled (including leakage from forms) as well as indirect contact via tools or equipment. Water not meeting release criteria shall be addressed in the SEWPCP. Discharging impounded water to the stream must take place in a manner that does not cause erosion or disturb the stream bottom. **The rate of discharge must be less than 20% of the flow rate of the stream.**
19. The Contractor shall be responsible for monitoring pH with a calibrated meter accurate to 0.1 units. A record of pH measurements shall be kept in the Environmental Coordinator's log (*Standard Specification, Section 656.4.4 Inspection and Record Keeping.*)

Permits & Cultural Resources Unit

PIN #: 9185.00

Location: Limington-Cornish

Permit Member: Laurie Rowe

Photographs ☐

Database/Projex ☒

Package to ENV Coordinator: 5/1/03

☒ HISTORIC AND CULTURAL RESOURCES

MHPC Historic Resources

N/A ☐

Applicable ☒

Approved ☒

MHPC Archeological Resources

N/A ☐

Applicable ☒

Approved ☒

Tribal Consultation

N/A ☐

Applicable ☒

Approved ☒

☒ 4(f) and 6(f)

Section 4(f)

N/A ☒

Applicable ☐

Approved ☐

LAWCON 6(f)

N/A ☒

Applicable ☐

Approved ☐

☒ Maine Department of Environmental Protection (MDEP) Site Location of Development

N/A ☒

Applicable ☐

Approved ☐

☒ Local Zoning, Title 30-A, Section 4325-6.

Is the project something other than the highway and bridge system, such as a maintenance lot, building/parking facility? Yes

☐ No ☒. If no, the project is exempt.

If yes, continue. Does the town in which the project is located have a comprehensive plan consistent with the Growth Management Program? Yes ☐ No ☐. If no, the project is exempt.

If yes, local zoning ordinances and/or permits are needed.

Approved ☐

☒ Maine Department of Inland Fisheries and Wildlife (MDIFW) Essential Habitat

Eagle Nest

N/A ☒

Applicable ☐

Approved ☐

Piping Plover

N/A ☒

Applicable ☐

Approved ☐

Roseate Tern

N/A ☒

Applicable ☐

Approved ☐

☒ United States Fish and Wildlife Service (USFWS), Migratory Bird Act

N/A ☒

Applicable ☐

☒ Maine Department of Conservation/ Public Lands, Submerged Land Lease

N/A ☒

Applicable ☐

☒ Land Use Regulation Commission (LURC) ☒ Not Applicable

No permit

☐

Notice

☐

Approved ☐

Permit

☐

Approved ☐

☒ Maine Department of Environmental Protection (MDEP), Natural Resource Protection Act

No permit required ☐

Exempt ☐

(Must use erosion and sediment control and not block fish passage.)

PBR ☒

Approved ☒

Tier 1 ☐

Approved ☐

Tier 2 ☐

Approved ☐

Tier 3 ☐

Approved ☐

☐ Army Corps of Engineers (ACOE), Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act.

No permit required ☐

Category 1-NR ☐

Approved ☐

Category 2 ☒

Approved ☒

Category 3 ☐

Approved ☐

☒ IN-WATER TIMING RESTRICTIONS: 105 Special Provision ☒ n/a ☐

Dates instream work is allowed: Stone Brook (W) 6/15 to 9/30

Stone Brook (E) 7/1 to 9/30

Back Brook 7/15 to 9/30

☒ Special Provision 656, Erosion Control Plan

* Boxes marked in red indicate items that are attached and need to be placed in the contract by the Project Manager.

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)
PERMIT BY RULE NOTIFICATION FORM
(For use with DEP Regulation, Chapter 305)

■ MDOT PIN: 9185.00

Name of Applicant: State of Maine Department of Transportation Name of Contact: David Gardner
Mailing Address: 16 Station State House Town/City: Augusta State: Me. Zip Code: 04330-0016
Daytime Telephone #: (207)-624-3100 Name of Wetland, Water Body or Stream: Unnamed

Detailed Directions to Site: Project is on Rte 25 beginning at Rte 11 and extending Northwest to the intersection of Rte 5 north.

Town/City: Limington

Map #: N/A

Lot #: N/A

County: York

Description of Project: Highway overlay involving culvert, guardrail, slope and ditch maintenance and repairs. The project will be performed in accordance with erosion control measures conforming with the latest versions of the *State of Maine Department of Transportation Standard Specifications for Highways and Bridges* and the *Department of Transportation's Best Management Practices for Erosion and Sediment Control*.

Part of a larger project? ☐ Yes ☒ No

(CHECK ONE) This project... ☒ does ☐ does not ...involve work below mean low water.

I am filing notice of my intent to carry out work which meets the requirements for Permit By Rule (PBR) under DEP Regulation, Chapter 305. I have a copy of PBR Sections checked below. I have read and will comply with all of the standards.

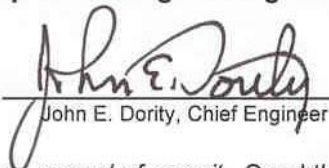
- | | | |
|---|---|---|
| <input type="checkbox"/> Sec. (2) Soil Disturbance | <input type="checkbox"/> Sec. (8) Shoreline stabilization | <input type="checkbox"/> Sec. (14) Piers, Wharves & Pilings |
| <input type="checkbox"/> Sec. (3) Intake Pipes | <input type="checkbox"/> Sec. (9) Utility Crossing | <input type="checkbox"/> Sec. (15) Public Boat Ramps |
| <input type="checkbox"/> Sec. (4) Replacement of Structures | <input type="checkbox"/> Sec. (10) Stream Crossing | <input type="checkbox"/> Sec. (16) Coastal Sand Dune Projects |
| <input type="checkbox"/> Sec. (5) REPEALED | <input checked="" type="checkbox"/> Sec. (11) State Transport. Facilities | <input type="checkbox"/> Sec. (17) Transfers/Permit Extension |
| <input type="checkbox"/> Sec. (6) Movement of Rocks or Vegetation | <input type="checkbox"/> Sec. (12) Restoration of Natural Areas | <input type="checkbox"/> Sec. (18) Maintenance Dredging |
| <input type="checkbox"/> Sec. (7) Outfall Pipes | <input type="checkbox"/> Sec. (13) F&W Creation/Enhance/Water Quality Improvement | |

I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules. I also understand that ***this permit is not valid until approved by the Department or 14 days after receipt by the Department, whichever is less.***

I have attached all of the following required submittals. **NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS:**

- A \$50 (non-refundable) payment shall be done by internal billing.
- Attach a U.S.G.S. topo map or Maine Atlas & Gazetteer map with the project site clearly marked.
- ☐ Attach photographs showing existing site conditions (unless not required under standards).

Signature of Applicant: _____


John E. Dority, Chief Engineer

Date: _____

06/12/02

Keep the bottom copy as a record of permit. Send the form with attachments via certified mail to the Maine Dept. of Environmental Protection **at the appropriate regional office listed below.** The DEP will send a copy to the Town Office as evidence of the DEP's receipt of notification. No further authorization by DEP will be issued after receipt of notice. Permits are valid for two years. **Work carried out in violation of any standard is subject to enforcement action.**

AUGUSTA DEP STATE HOUSE STATION 17 AUGUSTA, ME 04333-0017 (207)287-2111 PORTLAND DEP
312 CANCO ROAD PORTLAND, ME 04103 (207)822-6300 BANGOR DEP 106 HOGAN ROAD BANGOR, ME
04401 (207)941-4570 PRESQUE ISLE DEP 1235 CENTRAL DRIVE PRESQUE ISLE, ME 04769 (207)764-0477

OFFICE USE ONLY
PBR # FP

Ck.#

Date

Staff

Acc. Date

Staff

Def. Date

After Photos



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

**DEPARTMENT OF THE ARMY PROGRAMMATIC GENERAL PERMIT
STATE OF MAINE, SUMMARY OF SCREENING AND STATUS**

OFFICE OF ENVIRON. SERVICES
MAINE DEPT. OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333

CORPS PERMIT # 200300718
CORPS PGP ID#
STATE ID# PBR

DESCRIPTION OF WORK AS ON ATTACHED STATE APPN:

Place fill below the ordinary high water line in Back Brook and Stone Brook and in freshwater wetlands off Route 25 at Limington, Maine in order to replace existing culverts and reconstruct a section of the roadway. Approximately 0.1 acres of stream bottom and wetland will be impacted by the project. DOT PIN #9185.00

SPECIAL CONDITIONS: Instream work in Back Brook is limited to July 15 to September 30 to protect fisheries and local water quality. Instream work in Stone Brook is limited to June 15 to September 30.

UTM GRID COORDINATES N: 43° 44' 49.73" W: 70° 40' 46.50" USGS QUAD: LIMINGTON, ME

I. STATE ACTIONS: PENDING [X], ISSUED [], DENIED [] DATE

LEVEL OF STATE REVIEW: PERMIT BY RULE: X, TIER 1: , TIER 2: , TIER 3: , (NRPA)

II. FEDERAL ACTIONS:

DATE STATE FILE REVIEWED: 4/8/03 (PGP JP MEETING)

LEVEL OF CORPS REVIEW: CATEGORY 1: X CATEGORY 2:

AUTHORITY: SEC 10, 404 X 10/404, 103

EXCLUSIONS: The exclusionary criteria identified in the general permit do not apply to this project.

ESSENTIAL FISH HABITAT (EFH): EFH PRESENT (Y) / N (CIRCLE ONE)

IF YES: Based on the terms and conditions of the PGP, which are intended to ensure that authorized projects cause no more than minimal environmental impacts, the Corps of Engineers has preliminary determined that this project will not cause more than minimal adverse effects to EFH identified under the Magnuson-Stevens Fisheries Conservation and Management Act.

FEDERAL RESOURCE AGENCY OBJECTIONS: EPA NO, USF&WS NO, NMFS NO

CORPS DETERMINATION: We authorize your project as proposed and as shown on the plans submitted to the Corps under the State of Maine PGP.

Please note that all work is subject to the conditions contained in the general permit and any additional special conditions listed on any attached sheets. No work may be started unless and until all other required local, State and Federal licenses and permits have been obtained. Also, this permit requires you to notify us before beginning work and allow us to inspect the project. Hence, you must complete and return the attached Work Start Notification Form(s) to this office no later than two weeks before the anticipated starting date. (FOR PROJECTS REQUIRING MITIGATION, BE SURE TO INCLUDE MITIGATION WORK START FORM)

Additional Special conditions Attached: YES / NO (CIRCLE ONE) SEE ABOVE

The Corps of Engineers has implemented an administrative appeals process for jurisdictional determinations. If you are interested in appealing the jurisdictional determination for this project; or if you would like any additional information pertaining to the appeals process, please contact Shawn Mahaney or Rod Howe of my staff at 207-623-8367 at our Manchester, Maine Project Office.

Jay L. Clement
JAY L. CLEMENT
SENIOR PROJECT MANAGER
MAINE PROJECT OFFICE

David H. Killoy 4-10-03
DAVID H. KILLOY
CHIEF, PERMITS & ENFORCEMENT BRANCH
REGULATORY DIVISION

Chapter 305: PERMIT BY RULE Section 11
State Transportation Facilities

- 1. Introduction.** A "permit by rule" or "PBR", when approved by the Department of Environmental Protection (DEP), is an approval for an activity that requires a permit under the Natural Resources Protection Act (NRPA). Only those activities described in this chapter may proceed under the PBR process. A PBR activity will not significantly affect the environment if carried out in accordance with this chapter, and generally has less of an impact on the environment than an activity requiring an individual permit. A PBR satisfies the Natural Resources Protection Act (NRPA) permit requirement and Water Quality Certification requirement.

If a proposed activity is not described in this chapter, or will not be conducted in accordance with the standards of this chapter, the applicant must obtain an individual permit prior to beginning the activity.

- A. Location of activity.** The location of an activity may affect whether an activity qualifies for PBR, and whether review by the Department of Inland Fisheries and Wildlife is required.

- (1) Type of resource. For some types of activities, the availability of a PBR is affected by the type of natural resource in or adjacent to which the activity is proposed. For example, an applicant proposing an activity consisting of "Movement of rocks or vegetation" may receive a PBR only if the activity will take place in a great pond, river, stream or brook. Limitations concerning the location of activities are addressed in the "Applicability" provision in each section of this chapter.
- (2) Essential habitat. Essential habitats include areas critical to the survival of threatened and endangered species such as the bald eagle, least tern, roseate tern, and piping plover. If the activity is located in essential habitat, such as near an eagle nesting site, a PBR is only available if the applicant obtains written approval from the Department of Inland Fisheries and Wildlife (IF&W). This approval from IF&W must be submitted to the DEP with the PBR notification form, and the applicant must follow any conditions stated in the IF&W approval.

NOTE: Maps showing areas of essential habitat are available from the Department of Inland Fisheries and Wildlife regional headquarters, municipal offices, the Land Use Regulation Commission (for unorganized territories) and DEP regional offices. If the activity is located in essential habitat, IF&W must be contacted to request and obtain a "certification of review and approval".

- B. Notification.** The applicant must file notice of the activity with the DEP prior to beginning work on the activity. The notification must be on a form provided by the DEP and must include any submissions required in this chapter. The applicant must keep a copy to serve as the permit.

The notification form must be sent to the DEP by certified mail (return receipt requested), or hand delivered to the DEP and date stamped by the department.

C. Effective period

- (1) Beginning of period. The PBR becomes effective 14 calendar days after the DEP receives the notification form, unless the DEP approves or denies the PBR prior to that date. If the DEP does not speak with or write to the applicant within this 14 day period regarding the PBR notification, the applicant may proceed to carry out the activity.

There are three exceptions regarding the effective date of an approved PBR:

- (a) Activities listed in Section 10 (Stream crossings) occurring in association with forest management are exempt from the 14 day waiting period.
- (b) Activities listed in Section 2 (Soil disturbance) and Section 10 (Stream crossings) performed or supervised by individuals currently certified in erosion control practices by the DEP are exempt from the 14 day waiting period. To be certified in erosion control practices, an individual must successfully complete all course requirements of the Voluntary Contractor Certification Program administered by the DEP's Nonpoint Source Training and Resource Center.
- (c) Activities that are part of a larger project requiring a permit under the Site Location of Development or the Storm Water Management Acts may not proceed until any required permit under those laws is obtained.

NOTE: Activities that are part of a larger project may require other permits from the DEP also. These other laws may prohibit the start of construction of any part of the project unless a permit under that law is obtained. In these cases, while not a violation of this rule, starting work on a PBR approved activity would be a violation of those other applicable laws.

- (2) End of period. The PBR is generally effective for 2 years from the date of approval, except that a PBR for "Replacement of structures" under Section 4 is effective for 3 years.

NOTE: Activities that qualify under this chapter may need to meet other local, state and federal requirements. Examples -- (1) If an activity extends below the low water line of a lake, coastal wetland or international boundary water, the applicant should contact the Bureau of Parks and Lands (287-3061) concerning possible lease or easement requirements, or (2) If an activity will involve work below the mean high water line in navigable waters of the United States, the applicant should contact the Army Corps of Engineers (623-8367).

D. Discretionary authority. Notwithstanding compliance with the PBR applicability requirements and standards set forth in this chapter, the DEP may require an individual permit application to be filed in any case where credible evidence indicates that the activity:

- (1) May violate the standards of the NRPA (38 M.R.S.A. Section 480-D);
- (2) Could lead to significant environmental impacts, including cumulative impacts; or
- (3) Could adversely impact a resource of special concern.

If an individual permit is required pursuant to this subsection, the DEP shall notify the applicant in writing within the 14 calendar day waiting period described in sub-section (C) above. When the DEP notifies an applicant that an individual permit is required, no work may be conducted unless and until the individual permit is obtained.

E. Violations. A violation of law occurs when a person, or his or her agent, performs or causes to be performed any activity subject to the NRPA without first obtaining a permit from the DEP, or acts contrary to the provisions of a permit. The person, his or her agent, or both, may be held

responsible for the violation. Commonly, the "person" is the landowner, and the "agent" is the contractor carrying out the activity. A violation occurs when:

- (1) An activity occurs that is not allowed under PBR, whether or not a PBR notification form has been filed with and/or approved by the DEP;
- (2) An activity occurs that is allowed under PBR, but a PBR for the activity has not become effective prior to the beginning of the activity; or
- (3) An activity occurs that is allowed under PBR and a PBR for the activity is in effect, but the standards specified in this chapter are not met.

See the "applicability" provision under each activity for rules concerning what activities are allowed under PBR. A PBR is only valid for the person listed on the notification form, or for his or her agent.

Each day that a violation occurs or continues is considered a separate offense. Violations are subject to criminal penalties and civil penalties of not less than \$100 nor more than \$10,000 for each day of that violation (38 M.R.S.A. Section 349).

NOTE: A local Code Enforcement Officer (CEO) may take enforcement action for a violation of the Natural Resources Protection Act if he or she is authorized to represent a municipality in District Court, and he or she has been certified as familiar with court procedures, 30-A M.R.S.A. Section 4452(7).

Chapter 305 Section 11**State transportation facilities****A. Applicability**

- (1) This section applies to the maintenance, repair, reconstruction, rehabilitation, replacement or minor construction of a State Transportation Facility carried out by, or under the authority of, the Maine Department of Transportation or the Maine Turnpike Authority, including any testing or preconstruction engineering, and associated technical support services.
- (2) This section does not apply to an activity within a coastal sand dune system.

NOTE: The construction of a transportation facility other than roads and associated facilities may be subject to the Storm Water Management Law, 38 M.R.S.A. Section 420-D.

B. Standards

- (1) Photographs of the area to be altered by the activity must be taken before work on the site begins. The photographs must be kept on file and be made available at the request of the DEP.
- (2) The activity must be reviewed by the Department of Inland Fisheries and Wildlife, the Department of Marine Resources, the Atlantic Salmon Authority, and the DEP's Division of Environmental Assessment prior to the notification being filed with the DEP. The activity must be performed according to any recommendations from these authorities.
- (3) The activity must be performed in accordance with erosion control measures conforming with the State of Maine Department of Transportation Standard Specifications for Highways and Bridges Revision of April 1995 and with the Department of Transportation's Best Management Practices for Erosion and Sediment Control, September 1997.

NOTE: Guidance on the use of erosion control best management practices can be obtained from the on site Construction Manager.

- (4) Alignment changes may not exceed a distance of 200 feet between the old and new center lines in any natural resource.
- (5) The activity may not alter more than 300 feet of shoreline (both shores added together) within a mile stretch of any river, stream or brook, including any bridge width or length of culvert.
- (6) The activity may not alter more than 150 feet of shoreline (both shores added together) within a mile stretch of any outstanding river segment identified in 38 M.R.S.A. 480-P, including any bridge width or length of culvert.
- (7) The activity must minimize wetland intrusion. The activity is exempt from the provisions of Chapter 310, the Wetland Protection Rules, if the activity alters less than 15,000 square feet of natural resources per mile of roadway (centerline measurement) provided that the following impacts are not exceeded within the 15,000 square foot area:

- (a) 1,000 square feet of coastal wetland consisting of salt tolerant vegetation or shellfish habitat; or
- (b) 5,000 square feet of coastal wetland not containing salt tolerant vegetation or shellfish habitat; or
- (c) 1,000 square feet of a great pond.

All other activities must be performed in compliance with all sections of Chapter 310, the Wetland Protection Rules, except 310.2(C), 5(A), 9(1), 9(B) and 9(C).

- (8) The activity may not permanently block any fish passage in any watercourse containing fish. The applicant must improve passage beyond what restriction may already exist unless the Department of Inland Fisheries and Wildlife, the Department of Marine Resources, the Atlantic Salmon Authority and the DEP's Division of Environmental Assessment concur that the improvement is not necessary.
- (9) Rocks may not be removed from below the normal high water line of any coastal wetland, freshwater wetland, great pond, river, stream or brook except to the minimum extent necessary for completion of work within the limits of construction.
- (10) If work is performed in a river, stream or brook that is less than three feet deep at the time and location of the activity, with the exception of culvert installation, the applicant must divert flow away from the activity while work is in progress.
 - (a) Diversion may be accomplished by the use of stable, inert material. No more than two thirds (2/3) of stream width may be diverted at one time.
 - (b) Any material used to divert water flow must be completely removed upon completion of the activity, and the stream bottom must be restored to its original condition.
 - (c) A pump may be operated, where necessary, for a temporary diversion. The pump outlet must be located and operated such that erosion or the discharge of sediment to the water is prevented.

NOTE: Guidance on the appropriate location of a diversion and materials which should be used for a stream diversion can be obtained from the on site Construction Manager.

- (11) Wheeled or tracked equipment may not operate in the water. Equipment operating on the shore may reach into the water with a bucket or similar extension. Equipment may cross streams on rock, gravel or ledge bottom.
- (12) All wheeled or tracked equipment that must travel or work in a vegetated wetland area must travel and work on mats or platforms.
- (13) Any debris or excavated material must be stockpiled either outside the wetland or on mats or platforms. Hay bales or silt fence must be used, where necessary, to prevent sedimentation. Any debris generated during the activity must be prevented from washing downstream and must be removed from the wetland or water body. Disposal of debris must be in conformance with the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S.A. Section 1301 et seq.

- (14) Work below the normal high water line of a great pond, river, stream or brook must be done at low water except for emergency work or work agreed to by the resource agencies listed in paragraph 2 above. Measures, such as a silt boom or staked fencing, must be employed to reduce and isolate turbidity.
- (15) Perimeter controls must be installed before the work starts. Disturbance of natural resources beyond the construction limits shown on the plans is not allowed under this rule.

NOTE: Guidance on the location of construction limits can be obtained from the on site Construction Manager.

- (16) The use of untreated lumber is preferred. Lumber pressure treated with chromated copper arsenate (CCA) may be used, provided it is cured on dry land in a manner that exposes all surfaces to the air for a period of at least 21 days prior to construction. Wood treated with creosote or pentachlorophenol may not be used where it will contact water.
- (17) A temporary road for equipment access must be constructed of crushed stone, blasted ledge, or similar materials that will not cause sedimentation or restrict fish passage. Such roads must be completely removed at the completion of the activity. In addition, any such temporary roads which are in rivers, streams or brooks, must allow for a passage of stormwater flows associated with a 10-year storm.
- (18) Soil may not be disturbed during any period when soils are saturated due to rain or snow melt, except as necessary to protect work in progress or as required for bridge maintenance activities. Areas where soils are saturated (i.e. water drips from the soil when squeezed by hand, or the soil is capable of being rolled into a rod 1/8th inch in diameter that does not crumble) must be immediately mulched if they are disturbed.
- (19) Disturbed soil must be protected within one week from the time it was last actively worked, and prior to any storm event, using temporary or permanent measures such as the placement of riprap, sod, mulch, erosion control blankets, or other comparable measures.
- (20) Hay bale or straw mulch, where used, must be applied at a rate of at least one bale per 500 square feet (1 to 2 tons per acre).
- (21) If mulch is likely to be moved because of steep slopes or wind exposure, it must be anchored with netting, peg and twine, binder or other suitable method and must be maintained until a catch of vegetation is established over the entire disturbed area.
- (22) In addition to the placement of riprap, sod, erosion control blankets or mulch, additional steps must be taken where necessary to prevent sedimentation of the water. Evidence of sedimentation includes visible sheet, rill or gully erosion, discoloration of water by suspended particles and/or slumping of banks. Silt fences, staked hay bales and other sedimentation control measures, where planned for, must be in place prior to the commencement of an activity, but must also be installed whenever necessary to prevent erosion and sedimentation.

NOTE: Guidance on the location and proper installation of erosion control measures can be obtained from the on site Construction Manager.

- (23) Temporary erosion control measures must be maintained and inspected weekly until the site is permanently stabilized with vegetation or other permanent control measures. Erosion control measures must also be inspected immediately prior to and following storms.
- (24) Permanent erosion control measures protecting all disturbed areas must be implemented within 30 days from the time the areas were last actively worked, or for fall and winter activities by the following June 15, except where precluded by the type of activity (e.g. riprap, road surfaces, etc.). The permanent erosion control measures must be maintained.
- (25) The applicant shall immediately take appropriate measures to prevent erosion or sedimentation from occurring or to correct any existing problems, regardless of the time of year.
- (26) Non-native species may not be planted in restored areas.
- (27) Disposal of debris must be in conformance with Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S.A. Sections 1301 et seq.
- (28) Disturbance of vegetation must be avoided, if possible. Where vegetation is disturbed outside of the area covered by any road or structure construction, it must be reestablished immediately upon completion of the activity and must be maintained.
- (29) A vegetated area at least 25 feet wide must be established and maintained between any new stormwater outfall structure and the high water line of any open water body. A velocity reducing structure must be constructed at the outlet of the stormwater outfall that will create sheet flow of stormwater, and prevent erosion of soil within the vegetated buffer. If the 25 foot vegetated buffer is not practicable, the applicant must explain the reason for a lesser setback in writing. Approval from the DEP must be in writing and any recommendations must be incorporated into the activity.

C. Definitions. The following terms, as used in this chapter, have the following meanings, unless the context indicates otherwise:

- (1) Diversion. A rerouting of a river, stream or brook to a location outside of its established channel.
- (2) Fill. a. (verb) To put into or upon, supply to, or allow to enter a water body or wetland any earth, rock, gravel, sand, silt, clay, peat, or debris; b. (noun) Material, other than structures, placed in or immediately adjacent to a wetland or water body.
- (3) Floodplain wetlands. Freshwater wetlands that are inundated with flood water during a 100-year flood event based on flood insurance maps produced by the Federal Emergency Agency or other site specific information.
- (4) Riprap. Rocks that are fit into place, usually without mortar, on a slope as defined in the State of Maine, Department of Transportation, Standard Specifications for Highway and Bridges, revision of April 1995.

Permit No: GP-39

Effective Date: Sept. 29, 2000
Expiration Date: Sept. 29, 2005

Applicant: General Public, State of Maine

**DEPARTMENT OF THE ARMY
PROGRAMMATIC GENERAL PERMIT
STATE OF MAINE**

The New England District of the U.S. Army Corps of Engineers hereby issues a programmatic general permit (PGP) that expedites review of minimal impact work in coastal and inland waters and wetlands within the State of Maine. Activities with minimal impacts, as specified by the terms and conditions of this general permit and on the attached DEFINITION OF CATEGORIES sheets, are either non-reporting (provided required local and state permits are received), or are reporting, to be screened by the Corps and Federal Resource Agencies for applicability under the general permit. This general permit does not affect the Corps individual permit review process or activities exempt from Corps jurisdiction.

Activities Covered: work and structures that are located in, or that affect, navigable waters of the United States (regulated by the Corps under Section 10 of the Rivers and Harbors Act of 1899) and the discharge of dredged or fill material into waters of the United States (regulated by the Corps under Section 404 of the Clean Water Act), and the transportation of dredged material for the purpose of disposal in the ocean (regulated by the Corps under Section 103 of the Marine Protection, Research and Sanctuaries Act).

PROCEDURES:

A. State Approvals

For projects authorized pursuant to this general permit that are also regulated by the State of Maine, the following state approvals are also required and must be obtained in order for this general permit authorization to be valid (applicants are responsible for ensuring that all required state permits and approval have been obtained):

- (a) Maine Department of Environmental Protection (DEP): Natural Resources Protection Act permit, including permit-by-rule and general permit authorizations; Site Location and Development Act permit; and Maine Waterway Development and Conservation Act.
- (b) Maine Department of Conservation: Land Use Regulation Commission (LURC) permit.
- (c) Maine Department of Marine Resources: Lease.
- (d) Bureau of Public Lands, Submerged Lands: Lease.

Note that projects not regulated by the State of Maine (e.g., seasonal floats or moorings) may still be authorized by this general permit.

B. Corps Authorizations: Category I (Non-Reporting)

Work in Maine subject to Corps jurisdiction that meets the definition of Category I on the attached DEFINITION OF CATEGORIES sheets and that meets all of this permit's other conditions, does not require separate application to the Corps of Engineers. If the State or the Corps does not contact the applicant for PBRs and Tier One permits during the State's Tier One 30-day review period, Corps approval may be assumed and the project may proceed. Refer to the Procedures Section at Paragraph E below for additional information regarding screening.

Note that the review thresholds under Category I apply to single and complete projects i only (see special condition 5). **Also note that Category I does not apply to projects occurring in a component of, or within 0.25 miles up and downstream of the main stem or tributaries of a river segment of the National Wild and Scenic River System** (see condition 11, and page 9 for the listed rivers in Maine).

There are also restrictions on other national lands or concerns, which must be met in order for projects to be eligible for authorization under this PGP. Refer to special conditions 6-13 under Paragraph F below.

Work that is not regulated by the State of Maine, but that is subject to Corps jurisdiction, is eligible for Corps authorization under this PGP in accordance with the review thresholds and conditions contained herein.

Although Category I projects are non-reporting, the Corps reserves the right to require screening or an individual permit review if there are concerns for the aquatic environment or any other factor of the public interest (see special condition 4 on Discretionary Authority). The Corps review or State/Federal screening process may also result in project modification, mitigation or other special conditions necessary to minimize impacts and protect the aquatic environment as a requirement for PGP approval.

C. Corps Authorization: Category II (Reporting - requiring screening) APPLICATION PROCEDURES

For projects that do not meet the terms of Category I (see DEFINITION OF CATEGORIES sheets), the Corps, State, and Federal Resource Agencies will conduct joint screening meetings to review applications. If projects are concurrently regulated by the DEP or LURC, applicants do not need to submit separate applications to the Corps. For projects not regulated by DEP or LURC, applicants must submit an application to the Corps Maine Project Office for a case-by-case determination of eligibility under this general permit (Category II). **Category II projects may not proceed until written notification is received from the Corps.**

Category II projects which occur in a component of, or within 0.25 mile up or downstream of the main stem or tributaries of a river segment of the National Wild and Scenic River System, will be coordinated with the National Park Service (see special condition 11, and page 9 for listed rivers in Maine).

There are also restrictions on other national lands or concerns, which must be met in order for projects to be eligible for authorization under this PGP. Refer to special conditions 6-14 under Paragraph E below.

Category II applicants shall submit a copy of their application materials to the Maine Historic Preservation Commission and/or applicable Indian tribe(s) at the same time, or before, they apply to the DEP, LURC, or the Corps so that the project can be reviewed for the presence of historic/archaeological resources in the project area that may be affected by the proposed work. **Applications to the DEP or the Corps should include information to indicate that this has been done (applicant's statement or copy of cover letter to Maine Historic Preservation Commission and/or Indian tribe(s)).**

The Corps may require additional information on a case-by-case basis as follows:

- (a) purpose of project;
- (b) 8 1/2" by 11" plan views of the entire property including property lines and project limits with existing and proposed conditions **(legible, reproducible plans required)**;
- (c) wetland delineation for the site, information on the basis of the delineation, and calculations of waterway and wetland impact areas (see special condition 2);
- (d) typical cross-section views of all wetland and waterway fill areas and wetland replication areas;
- (e) delineation of submerged aquatic vegetation, e.g., eel grass beds, in tidal waters;
- (f) area, type and source of fill material to be discharged into waters and wetlands, including the volume of fill below ordinary high water in inland waters and below the high tide line in coastal waters;
- (g) mean low, mean high water and high tide elevations in navigable waters;
- (h) limits of any Federal navigation project in the vicinity and State Plane coordinates for the limits of the proposed work closest to the Federal project;
- (i) on-site alternatives analysis (contact Corps for guidance);
- (j) identify and describe potential impacts to Essential Fish Habitat (contact Corps for guidance);
- (k) for dredging projects, include:
 - 1) the volume of material and area in square feet to be dredged below mean high water,
 - 2) existing and proposed water depths,
 - 3) type of dredging equipment to be used,
 - 4) nature of material (e.g., silty sand),

- 5) any existing sediment grain size and bulk sediment chemistry data for the proposed or any nearby projects,
- 6) information on the location and nature of municipal or industrial discharges and occurrences of any contaminant spills in or near the project area,
- 7) location of the disposal site (include locus sheet),
- 8) shellfish survey, and
- 9) sediment testing, including physical, chemical and biological testing. For projects proposing open water disposal, applicants are encouraged to contact the Corps as early as possible regarding sampling and testing protocols.

The Corps may request additional information. Dredging applicants may be required to conduct a shellfish and/or eel grass survey and sediment testing, including physical, chemical and biological testing. Sediment sampling and testing plans should be prepared or approved by the Corps before the samples are collected.

STATE-FEDERAL SCREENING PROCEDURES:

The Corps intends to utilize the application information required by the State for its regulatory program to the maximum extent practicable and the Corps normally will not be interacting with an applicant who is concurrently making application to the DEP or LURC. Projects not regulated by the State, but needing Corps of Engineers approval, **must apply directly to the Corps**. The joint screening meeting for Category II projects will occur regularly at the Corps or State of fices and will involve representatives from the DEP, the Corps, the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, and the National Marine Fisheries Service.

The Corps and Federal Resource Agencies will classify the project within the State's review period, not to exceed 60 days, as: 1) approvable under the PGP as proposed; 2) needs additional information, including possible project modification, mitigation or other special conditions to minimize impacts; or 3) exceeds the terms or conditions of the PGP, including the minimal effects requirement, and an individual permit review will be required. In addition, the Corps retains the ability to exercise its discretionary authority and require an individual permit, irrespective of whether the terms and conditions of this general permit are met, based on concerns for the aquatic environment or any factor of the public interest (see special condition 4 on Discretionary Authority). All Category II projects must receive written approval from the Corps before work can proceed. If the project is not approvable as proposed, the DEP, LURC, or the Corps will contact the applicant to discuss the concerns raised. If the applicant is unable to resolve the concerns, the Corps, independently or at the request of the Federal Resource Agencies, will require an individual permit for the project. The applicant will be notified of this in writing, along with information about submitting the necessary application materials. The comments from the Federal Resource Agencies to the Corps may be verbal initially, and must be made within 10 working days of the screening meeting. These comments must be confirmed in writing within 10 calendar days of the verbal response if the Resource Agency(ies) will request an individual permit. The Federal Resource Agency's comments must reflect a concern within their area of expertise, state the species or resources that could be impacted by the project, and describe the impacts that either individually or cumulatively will be more than minimal.

MINERALS MANAGEMENT SERVICE (MMS) REVIEW

For Category II projects which involve construction of solid fill structures or discharge of fills along the coast which may extend the coastline or baseline from which the territorial sea is measured, coordination between the Corps and Minerals Management Service (MMS), Continental Shelf (OCS) Survey Group, will be needed (pursuant to the Submerged Lands Act, 43 U.S.C., Section 1301-1315, 33 CFR 320.4(f)). During the screening period, the Corps will forward project information to MMS for their review. MMS will coordinate their determination with the Department of the Interior (DOI) Solicitor's Office. The DOI will have 15 calendar days from the date MMS is in receipt of project information to determine if the baseline will be affected. No notification to the Corps within 15 day review period will constitute a "no affect" determination. Otherwise, the solicitor's notification to the Corps may be verbal but must be followed with a written confirmation within 10 business days from the date of the verbal notification. This procedure will be eliminated if the State of Maine provides a written waiver of interest in any increase in submerged lands caused by a change in the baseline resulting from solid fill structure or fills authorized under this general permit.

D. Corps Authorization: Category III (Individual Permit)

Work that is in the INDIVIDUAL PERMIT category on the attached DEFINITION OF CATEGORIES sheets, or that does not meet the terms and conditions of this general permit, will require an application for an individual permit from the Corps of Engineers (see 33 CFR Part 325.1). The screening procedures outlined above will only serve to delay project review in such cases. The applicant should submit the appropriate application materials (including the Corps application form) at the earliest possible date. General information and application forms can be obtained at (207) 623-8367 (Maine Field Office), (800) 343-4789, or (800) 362-4367 in Massachusetts. Individual water quality certification and coastal zone management consistency concurrence will be required from the State of Maine before Corps permit issuance.

E. Programmatic General Permit Conditions:

The following conditions apply to activities authorized under the PGP, including all Category I (non-reporting) and Category II (reporting - requiring screening) activities:

GENERAL REQUIREMENTS:

1. **Other Permits.** Authorization under this general permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
2. **Applicability of this general permit shall be evaluated with reference to Federal jurisdictional boundaries.** Applicants are responsible for ensuring that the boundaries used satisfy the federal criteria defined at 33 CFR 328-329.
3. **Minimal Effects.** Projects authorized by this general permit shall have minimal individual and cumulative adverse environmental impacts as determined by the Corps.

4. **Discretionary Authority.** Notwithstanding compliance with the terms and conditions of this permit, the Corps of Engineers retains discretionary authority to require review for an individual permit based on concerns for the aquatic environment or for any other factor of the public interest. This authority is invoked on a case-by-case basis whenever the Corps determines that the potential consequences of the proposal warrant individual review based on the concerns stated above. This authority may be invoked for projects with cumulative environmental impacts that are more than minimal or if there is a special resource or concern associated with a particular project that is not already covered by the remaining conditions of the PGP and that warrants greater review.

Whenever the Corps notifies an applicant that an individual permit may be required, authorization under this general permit is void and no work may be conducted until the individual Corps permit is obtained or until the Corps notifies the applicant that further review has demonstrated that the work may proceed under this general permit.

5. **Single and Complete Projects.** This general permit shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single project and/or all planned phases of multi-phased projects shall be treated together as constituting one single and complete project (e.g., subdivisions should include all work such as roads, utilities, and lot development). This general permit shall not be used for any activity that is part of an overall project for which an individual permit is required.

NATIONAL CONCERNS:

6. **St. John/St. Croix Rivers.** This covers work within the Saint John and Saint Croix River basins that requires approval of the International Joint Commission. This includes any temporary or permanent use, obstruction or diversion of international boundary waters which could affect the natural flow or levels of waters on the Canadian side of the line, as well as any construction or maintenance of remedial works, protective works, dams, or other obstructions in waters downstream from boundary waters when the activity could raise the natural level of water on the Canadian side of the boundary.
7. **Historic Properties.** Any activity authorized by this general permit shall comply with Section 106 of the National Historic Preservation Act. Information on the location and existence of historic resources can be obtained from the Maine Historic Preservation Commission and the National Register of Historic Places. Federally recognized tribes (Penobscots, Passamaquoddys, Micmacs, and Maliseets) may know of the existence of other sites that may be of significance to their tribes. See page 14 for historic properties contacts.

Applicants with projects which will undergo the screening process (Category II) shall submit a copy of their application materials, with the name and address of the applicant clearly indicated, to the Maine Historic Preservation Commission, 55 Capitol Street, State House Station 65, Augusta, Maine 04333, and to the applicable tribe(s) to be reviewed for the presence of historic and/or archaeological resources in the permit area that may be affected by the proposed work. The Corps will then be notified by the Commission and/or

Tribe within 10 days if there are State and/or tribal concerns that the proposed work will have an effect on historic resources. The applicant should include with their application to the State or the Corps either a copy of their cover letter or a statement of having sent their application material to the Commission and Tribe(s).

If the permittee, either prior to construction or during construction of the work authorized herein, encounters a previously unidentified archaeological or other cultural resource, within the area subject to Department of the Army jurisdiction, that might be eligible for listing in the National Register of Historic Places, he/she shall stop work and immediately notify the District Engineer and the Maine Historic Preservation Commission and/or applicable Tribe(s).

8. **National Lands.** Activities authorized by this general permit shall not impinge upon the value of any National Wildlife Refuge, National Forest, or any area administered by the National Park Service.

9. **Endangered Species.** No activity is authorized under this general permit which

- may affect a threatened or endangered species or a species proposed for such designation as identified under the Federal Endangered Species Act (ESA),
- is likely to destroy or adversely modify the critical habitat or proposed critical habitat of such species,
- would result in a 'take' of any threatened or endangered species of fish or wildlife, or
- would result in any other violation of Section 9 of the ESA protecting threatened or endangered species of plants.

Applicants shall notify the Corps if any listed species or critical habitat, or proposed species or critical habitat, is in the vicinity of the project and shall not begin work until notified by the District Engineer that the requirements of the Endangered Species Act have been satisfied and that the activity is authorized. Information on the location of threatened and endangered species and their critical habitat can be obtained from the U.S. Fish and Wildlife Service and National Marine Fisheries Service (addresses attached, page 14).

10. **Essential Fish Habitat.** As part of the PGP screening process, the Corps will coordinate with the National Marine Fisheries Service (NMFS) in accordance with the 1996 amendments to the Magnuson-Stevens Fishery and Conservation Management Act to protect and conserve the habitat of marine, estuarine and anadromous finfish, mollusks, and crustaceans. This habitat is termed "essential fish habitat (EFH)", and is broadly defined to include "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity." Applicants may be required to describe and identify potential impacts to EFH based upon the location of the project, the activity proposed, and the species present. Conservation recommendations made by NMFS will normally be included as a permit requirement by the Corps. Information on the location of EFH can be obtained from the NMFS regulations (50 CFR Part 600) (address listed on page 14) and on their web site (<http://www.nero.nmfs.gov/ro/doc/webintro.html>).

The EFH designation for Atlantic salmon includes all aquatic habitats in the watershed of the following rivers and streams, including all tributaries to the extent that they are currently or were historically accessible for salmon migration:

St. Croix River	Pleasant River	Union River
Boyden River	Narraguagus River	Ducktrap River
Dennys River	Tunk Stream	Sheepscot River
Hobart Stream	Patten Stream	Kennebec River
Aroostook River	Orland River	Androscoggin River
East Machias River	Penobscot River	Presumpscot River
Machias River	Passagassawaukeag River	Saco River

11. **Wild and Scenic Rivers.** Any activity that occurs in a component of, or within 0.25 mile up or downstream of the main stem or tributaries of a river segment of the National Wild and Scenic River System, **must be reviewed by the Corps under the procedures of Category II of this general permit regardless of size of impact.** This condition applies to both designated wild and scenic rivers and rivers designated by Congress as study rivers for possible inclusion while such rivers are in an official study status. The Corps will consult with the National Park Service (NPS) with regard to potential impacts of the proposed work on the resource values of the Wild and Scenic River. The culmination of this coordination will be a determination by the NPS and the Corps that the work: (1) may proceed as proposed; (2) may proceed with recommended conditions; or (3) could pose a direct and adverse effect on the resource values of the river and an individual permit is required. If pre-application consultation between the applicant and the NPS has occurred whereby the NPS has made a determination that the proposed project is appropriate for authorization under this PGP (with respect to wild and scenic river issues), this determination should be furnished to the Corps with submission of the application. The address of the NPS can be found on Page 14 of this permit. *National Wild/Scenic Rivers System (Designated River in Maine) as of 5/2/00:* Allagash River beginning at Telos Dam continuing to Allagash checkpoint at Eliza Hole Rapids, approximately 3 miles upstream of the confluence with the St. John River. Length = 92 miles

12. **Federal Navigation Project.** Any structure or work that extends closer to the horizontal limits of any Corps navigation project than a distance of three times the project's authorized depth (see attached map following page 16 for locations of these projects) shall be subject to removal at the owner's expense prior to any future Corps dredging or the performance of periodic hydrographic surveys.

13. **Navigation.** There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein.

The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure

or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

14. **Federal Liability.** In issuing this permit, the Federal Government does not assume any liability for the following: (a) damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes; (b) damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest; (c) damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit; (d) design or construction deficiencies associated with the permitted work; (e) damage claims associated with any future modification, suspension, or revocation of this permit.

MINIMIZATION OF ENVIRONMENTAL IMPACTS:

15. **Minimization.** Discharges of dredged or fill material into waters of the United States shall be avoided and minimized to the maximum extent practicable, regardless of review category.
16. **Work in Wetlands.** Heavy equipment working in wetlands shall be avoided if possible, **and if required, shall be placed on mats or other measures taken** to minimize soil and vegetation disturbance. Disturbed areas in wetlands shall be restored to preconstruction contours and conditions upon completion of the work.
17. **Temporary Fill.** Temporary fill in waters and wetlands authorized by this general permit (e.g., access roads, cofferdams) shall be properly stabilized during use to prevent erosion. Temporary fill in wetlands shall be placed on geotextile fabric laid on existing wetland grade. Temporary fills shall be disposed of at an upland site, suitably contained to prevent erosion and transport to a waterway or wetland. Temporary fill areas shall be restored to their approximate original contours but not higher. No temporary fill shall be placed in waters or wetlands unless specifically authorized by the Corps.
18. **Sedimentation and Erosion Control.** Adequate sedimentation and erosion control management measures, practices and devices, such as phased construction, vegetated filter strips, geotextile silt fences or other devices, shall be installed and properly maintained to reduce erosion and retain sediment on-site during and after construction. They shall be capable of preventing erosion, of collecting sediment, suspended and floating materials, and of filtering fine sediment. These devices shall be removed upon completion of work and the disturbed areas shall be stabilized. The sediment collected by these devices shall be removed and placed at an upland location in a manner that will prevent its later erosion into a waterway or wetland. All exposed soil and other fills shall be permanently stabilized at the earliest practicable date.

19. Waterway Crossings.

- (a) All temporary and permanent crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed to withstand and to prevent the restriction of high flows, to maintain existing low flows, and to not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
- (b) Temporary bridges, culverts, or cofferdams shall be used for equipment access across streams (NOTE: areas of fill and/or cofferdams must be included in total waterway/wetlands impacts to determine applicability of this general permit).
- (c) For projects that otherwise meet the terms of Category I, instream construction work shall be conducted during the low flow period July 15 - October 1 in any year. Projects that are not to be conducted during that time period are ineligible for Category I and shall be screened pursuant to Category II, regardless of the waterway and wetland fill and/or impact area.

20. Discharge of Pollutants. All activities involving any discharge of pollutants into waters of the United States authorized under this general permit shall be consistent with applicable water quality standards, effluent limitations, standards of performance, prohibitions, and pretreatment standards and management practices established pursuant to the Clean Water Act (33 U.S.C. 1251) and applicable state and local laws. If applicable water quality standards, limitations, etc., are revised or modified during the term of this permit, the authorized work shall be modified to conform with these standards within six months of the effective date of such revision or modification, or within a longer period of time deemed reasonable by the District Engineer in consultation with the Regional Administrator of the Environmental Protection Agency. Applicants may presume that state water quality standards are met with issuance of the 401 Water Quality Certification.

21. Spawning Areas. Discharges into known 1) fish and shellfish spawning or nursery areas; and 2) amphibian and waterfowl breeding areas, during spawning or breeding seasons shall be avoided, and impacts to these areas shall be avoided or minimized to the maximum extent practicable during all times of year.

22. Storage of Seasonal Structures. Coastal structures such as pier sections and floats that are removed from the waterway for a portion of the year shall be stored in an upland location located above mean high water and not in tidal marsh.

23. Environmental Values. The permittee shall make every reasonable effort to carry out the construction or operation of the work authorized herein in a manner so as to maintain as much as is practicable, and to minimize any adverse impacts on, existing fish and wildlife and natural environmental values.

24. Protection of Vernal Pools. Impacts to uplands in proximity (within 500 feet) to the vernal pools referenced in DEFINITIONS OF CATEGORIES shall be minimized to the maximum extent possible.

PROCEDURAL CONDITIONS:

25. **Cranberry Development Projects.** For Cranberry development projects authorized under the PGP, the following conditions apply:

4

1. If a cranberry bog is abandoned for any reason, the area must be allowed to convert to natural wetlands unless an individual permit is obtained from the Corps of Engineers allowing the discharge of fill for an alternate use.
2. No stream diversion shall be allowed under this permit.
3. No impoundment of perennial streams shall be allowed under this permit.
4. The project shall be designed and constructed to not cause flood damage on adjacent properties.

26. **Inspections.** The permittee shall permit the District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with the terms and conditions of this permit. The District Engineer may also require post-construction engineering drawings for completed work, and post-dredging survey drawings for any dredging work. **To facilitate these inspections, the attached work notification form should be filled out and returned to the Corps for all Category II projects.**

27. **Maintenance.** The permittee shall maintain the work or structures authorized herein in good condition, including maintenance, to ensure public safety. Dredging projects: note that this does not include maintenance of dredging projects. Maintenance dredging is subject to the review thresholds described on the attached DEFINITION OF CATEGORIES sheets and/or any conditions included in a written Corps authorization.

28. **Property Rights.** This permit does not convey any property rights, either in real estate or material, or any exclusive privileges, nor does it authorize any injury to property or invasion of rights or any infringement of federal, state, or local laws or regulations. **If property associated with work authorized by the PGP is sold, the PGP authorization is automatically transferred to the new property owner. The new property owner should provide this information to the Corps in writing. No acknowledgement from the Corps is necessary.**

29. **Modification, Suspension, and Revocation.** This permit may be either modified, suspended, or revoked, in whole or in part, pursuant to the policies and procedures of 33 CFR 325.7 and any such action shall not be the basis for any claim for damages against the United States.

30. **Restoration.** The permittee, upon receipt of a notice of revocation of authorization under this permit, shall restore the wetland or waterway to its former condition without expense to the United States and as directed by the Secretary of the Army or his authorized representative. If the permittee fails to comply with such a directive, the Secretary or his designee may restore the wetland or waterway to its former condition, by contract or otherwise, and recover the cost from the permittee.

31. **Special Conditions.** The Corps, independently or at the request of the Federal Resource Agencies, may impose other special conditions on a project authorized pursuant to this general permit that are determined necessary to minimize adverse environmental effects or based on any other factor of the public interest. Failure to comply with all conditions of the authorization, including special conditions, will constitute a permit violation and may subject the permittee to criminal, civil, or administrative penalties or restoration.
32. **False or Incomplete Information.** If the Corps makes a determination regarding the eligibility of a project under this permit and subsequently discovers that it has relied on false, incomplete, or inaccurate information provided by the permittee, the permit shall not be valid and the government may institute appropriate legal proceedings.
33. **Abandonment.** If the permittee decides to abandon the activity authorized under this general permit, unless such abandonment is merely the transfer of property to a third party, he/she must restore the area to the satisfaction of the District Engineer.
34. **Enforcement cases.** This general permit does not apply to any existing or proposed activity in Corps jurisdiction associated with an on-going Corps of Engineers or Environmental Protection Agency enforcement action until such time as the enforcement action is resolved or the Corps determines that the activity may proceed independently without compromising the enforcement action. The Corps may choose not to accept applications or issue permits to any applicant with outstanding violations.
35. **Emergency situations.** This PGP can be used to authorize the repair, rehabilitation, or replacement of those structures destroyed by storms, floods, fire or other discrete unexpected and catastrophic event. In such situations and if the work exceeds Category I limitations, if applicant applies to the Corps within 30 days of the event, the Corps will attempt to contact the resource agencies for their approvals but, if unable to contact them, will issue an emergency permit and review them after-the-fact with the agencies at the next joint processing meeting. Proposed work submitted more than 30 days after the emergency will go through the standard PGP procedures.

DURATION OF AUTHORIZATION/GRANDFATHERING:

36. **Duration of Authorization.** Activities authorized under this general permit that have commenced (i.e., are under construction) or are under contract to commence in reliance upon this authorization will remain authorized provided the activity is completed within twelve months of the date of the general permit's expiration, modification, or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 325.2 (e)(2). Activities completed under the authorization of the general permit that was in effect at the time the activity was completed will continue to be authorized by the general permit.

37. Previously Authorized Activities.

- (a) Activities which have commenced (i.e., are under construction or are under contract to commence) prior to the issuance date of this general permit, in reliance upon the terms and conditions of the non-reporting category of the previous Maine PGP shall remain authorized provided the activity is completed within twelve months of the date of issuance of this general permit, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with special condition 4. The applicant must be able to document to the Corps satisfaction that the project was under construction or contract by the appropriate date.
- (b) Projects that have received written verification or approval from the Corps, based on applications made to the Corps prior to issuance of this general permit, for the previous Maine SPGP and PGP, Nationwide permits, regional general permits, or letters of permission shall remain authorized as specified in each authorization.
- (c) This general permit does not affect activities authorized pursuant to 33 CFR Part 330.3 (activities occurring before certain dates).

For DISTRICT ENGINEER Christine Gedfrey DATE 7 / 26 / 00

CONTACTS FOR MAINE PROGRAMMATIC GENERAL PERMIT:

U.S. Army Corps of Engineers
Maine Project Office
675 Western Avenue #3
Manchester, Maine 04351
207-623-8367
Fax # 207-623-8206

Federal Endangered Species
U.S. Fish and Wildlife Service
Maine Field Office
1033 South Main Street
Old Town, Maine 04468
207-827-5938
Fax # 207-827-6099

Wild and Scenic Rivers
National Park Service
North Atlantic Region
15 State Street
Boston, MA 02109
617-223-5203

Maine Historic Preservation Commission
55 Capitol Street
State House Station 65
Augusta, Maine 04333
207-287-2132
Fax # 207-287-2335
Aroostook Band of Micmacs
P.O. Box 772
Presque Isle, Maine 04769
207-764-1972
Fax # 207-764-7667

Passamaquoddy Tribe of Indians
Pleasant Point Reservation
Attn: Tribal Council
P.O. Box 343
Perry, Maine 04667
207-853-2600
Fax # 207-853-6039

*Federal Endangered Species and Essential
Fish Habitat*
National Marine Fisheries Service
One Blackburn Drive
Gloucester, Massachusetts 01939
978-281-9102
Fax # 978-281-9301

Houlton Band of Maliseet Indians
Attn: Brenda Commander, Tribal Chief
Route 3 - Box 450
Houlton, Maine 04730
207-532-4273
Fax # 207-532-2660
Passamaquoddy Tribe of Indians
Indian Township Reservation
Attn: Donald Soctomah
P.O. Box 301
Princeton, Maine 04668
207-796-2301
Fax # 207-796-5256

Penobscot Indian Nation
Richard Hamilton, Chief
6 River Road
Indian Island Reservation
Old Town, Maine 04468
(207) 827-7776
Fax # 207-827-1137

*Maine Department of Environmental Protection
(For State Permits and Water Quality
Certifications)*

Natural Resources Division
Bureau of Land and Water Quality Control
State House Station 17
Augusta, Maine 04333
207-287-2111

Southern Maine Regional Office
312 Canco Road
Portland, Maine 04103
201-822-6300

Eastern Maine Regional Office
106 Hogan Road
Bangor, Maine 04401
207-941-4570

Northern Maine Regional Office
1235 Central Drive
Skyway Park
Presque Isle, Maine 04769
207-764-0477

*MaineLand Use Regulation Commission (LURC)
offices*

22 State House Station
Augusta, ME 04333-0022
207-287-2631
800-452-8711 (call to obtain appropriate LURC
of fice)
Fax # 207-287-7439

45 Radar Road
Ashland, ME 04732-3600
207-435-7963
Fax # 207-435-7184

Lakeview Drive
P.O.Box 1107
Greenville, ME 04441
207-695-2466
Fax # 207-695-2380

191 Main Street
East Millinocket, ME 04430
207-746-2244
Fax # 207-746-2243

i

(For CZMA Determinations)

State Planning Office
Coastal Program
184 State Street
State House Station 38
Augusta, Maine 04333
207-287- 1009

*Maine Department of Marine Resources
(For Aquaculture Leases)*
McKown Point
Boothbay Harbor, Maine 04575
207-633-9500

(For Submerged Lands Leases)

Maine Department of Conservation
Bureau of Parks and Lands
22 State House Station
207-287-3061

9129/00

15

A. INLAND WETLANDS (WATERS OF THE U.S.) ¹	CATEGORY I	CATEGORY II	INDIVIDUAL PERMIT
(a) NEW FILL/ EXCAVATION DISCHARGES	<p>Less than 4,300 sf inland waterway and /or wetland fill and secondary impacts (e.g., areas drained, flooded or cleared).</p> <p>-- Includes projects covered by a State Tier One permit with no cumulative impacts over 15,000 sf in inland wetlands from previous permits, unauthorized work, and/or other state permits.</p> <p>-- Includes crossing of perennial waterways designated as Essential Fish Habitat (EFH) for Atlantic salmon² if the waterway is crossed with a span and footprints of the span abutments are outside ordinary high water with no more than 4,300 sf of associated wetland impact.</p> <p>-- Includes in-stream work of up to 4,300 sf of fill below ordinary high water in waterways not designated as EFH for Atlantic salmon² and performed in accordance with Maine Permit By Rule standards or a LURC permit.</p>	<p>4,300 sf to 3 acres inland waterway and/or wetland fill and secondary impacts (e.g., areas drained, flooded or cleared).</p> <p>-- Impact area includes all temporary and permanent fill and excavation except for incidental fallback.</p> <p>-- Includes in-stream work, including crossings (other than a spanned crossing as described in Category I) with any discharge of fill below ordinary high water in perennial waterways designated as EFH for Atlantic salmon².</p> <p>-- Time of year restrictions determined case-by-case.</p>	<p>Greater than 3 acres inland waterway and/or wetland fill and secondary impacts (e.g., areas drained, flooded or cleared).</p> <p>-- Impact area includes all temporary and permanent fill and excavation discharges except for incidental fallback³.</p> <p>In-stream work exceeding Category II limits.</p> <p>If EIS required by the Corps.</p>

¹ Water of the U.S. in inland areas: inland rivers, streams, lakes, ponds and wetlands.

² Essential Fish Habitat for Atlantic salmon includes all aquatic habitats in the watersheds of the following rivers and streams, including all tributaries to the extent that they are currently or were historically accessible for salmon migration: St. Croix, Boyden, Dennys, Hobart Stream, Aroostook, East Machias, Machias, Pleasant, Narraguagus, Tunk stream, Patten Stream, Orland, Penobscot, Passagassawaukeag, Union, Ducktrap, Sheepscot, Kennebec, Androscoggin, Presumpscot and Saco River.

³ The larger the impacts, the more likely an individual permit will be required. Projects involving widening, expansion or impacts to degraded or low value wetlands between 1-3 acres may be approved under Category II, subject to the Federal screening. The Corps recognizes and endorses the DEP Tier 2 upper thresholds of 1 acre. Compensatory mitigation is likely to be required at this level of impact.

	CATEGORY I	CATEGORY II	INDIVIDUAL PERMIT
(a) NEW FILL/ EXCAVATION DISCHARGES	<p>-- Impact area includes all temporary and permanent fill and excavation discharges except for incidental fallback.</p> <p>-- In-stream work limited to July 15 - Oct. 1.</p> <p>-- This category excludes situations when a vernal pool of any size may be impacted, in accordance with the ME DEP definition of vernal pool⁴</p> <p>-- This category excludes work within ¼ mile or a Wild and Scenic River⁵</p> <p>-- This category excludes dams, dikes, or activities involving water withdrawal or water diversion.</p> <p>-- This category excludes work in National Wildlife Refuges.</p>	Proactive restoration projects with any amount of impact can be reviewed under Category II. The Corps, in consultation with State and Federal agencies, must determine that net adverse effects are not more than minimal.	
(b) BANK STABILIZATION PROJECTS	<p>Inland bank stabilization less than 500 ft. long and less than 1 cy fill per linear foot below ordinary high water in ponds, lakes, and waterway not designated as EFH for Atlantic salmon², provided there is no wetland fill.</p> <p>-- In-stream work limited to July 15 - Oct. 1.</p>	<p>Inland bank stabilization in ponds, lakes, and waterways not designated as EFH for Atlantic salmon² which exceeds Category I limits.</p> <p>Inland bank stabilization of any size below ordinary high water in waterways designed as EFH for Atlantic salmon².</p> <p>-- Other stabilization exceeding Category I.</p>	
(C) REPAIR AND MAINTENANCE OF AUTHORIZED FILLS	Repair or maintenance of existing, currently serviceable, authorized fills with no substantial expansion or change in use.	Replacement of non-serviceable fills, or repair or maintenance of serviceable fills with expansion of any amount up to 1 acre, or with a change in use.	Replacement of non-serviceable fills, or repair or maintenance of serviceable fills with greater than 1 acre of expansion.

⁴ Vernal Pool: Naturally-occurring, or intentionally created for the purposes of compensatory mitigation, temporary to permanent bodies of water occurring in shallow depressions that fill during the spring and fall and may dry during the summer. Vernal pools have no permanent or viable populations of predatory fish. Vernal pools provide the primary breeding habitat for wood frogs, spotted salamanders, blue-spotted salamanders, and fairy shrimp, and provide habitat for other wildlife including several endangered and threatened species.

⁵ National Wild/Scenic Rivers System (Designated River in Maine): Allagash River beginning at Telos Dam continuing to Allagash checkpoint at Eliza Hole Rapids, approximately 3 miles upstream of the confluence with the St. John River. Length = 92 miles.

4 5 6 7 8 ?

B. TIDAL WATERS AND NAVIGABLE WATERS ⁶	CATEGORY I	CATEGORY II	INDIVIDUAL PERMIT
(a) FILL		Up to 1 acre waterway or wetland fill and secondary impacts (e.g., areas drained, flooded or cleared). Includes temporary and permanent waterway fill. -- Temporary tidal marsh impacts up to 1 acre. -- Permanent tidal marsh, mudflat, or vegetated shallows 7 fill up to 1,000 sf. -- Proactive restoration projects with any amount of impact can be reviewed under Cat. II. The Corps, in consultation with State and Federal agencies, must determine that net adverse effects are not more than minimal.	Greater than 1 acre waterway fill and secondary impacts (e.g., areas drained, flooded or cleared). Includes -- Temporary tidal marsh impacts over 1 acre. -- Permanent tidal marsh, mudflat, or vegetated shallows 7 fill over 1,000 sf.
(b) REPAIR AND MAINTENANCE WORK	Repair or maintenance of existing, currently serviceable, authorized structure or fills with no substantial expansion or change in use. -- Work must be in same footprint as original structure or fill	Repair or replacement of any non-serviceable structures or fill, or repair or maintenance of serviceable fills with expansion of any amount up to 1 acre, or with a change in use.	Replacement of non-serviceable structures or fill or repair or maintenance of serviceable structure or fill with expansion greater than 1 acre.

6 Navigable Waters: waters that are subject to the ebb and flow of the tide and Federally designated navigable waters (Penobscott River to Medway, Kennebec River to Moosehead Lake, and the portion of Umbagog Lake in Maine).

7 Vegetated Shallows: subtidal areas that support rooted aquatic vegetation such as eelgrass.

	CATEGORY I	CATEGORY II	INDIVIDUAL PERMIT
(c) DREDGING	Maintenance dredging of less than 1,000 cy with upland disposal. -- Proper siltation controls used -- Limited to work between November 1 and January 15. -- No impact to special aquatic sites ⁸	Maintenance dredging of greater than 1,000 cy, new dredging of up to 25,000 cy, or projects that do not meet Category I. Disposal includes upland, open water or beach nourishment (above mean high water), only if material is determined suitable.	Maintenance dredging (any amount) in or affecting special aquatic sites ⁷ . See B(a) above for dredge disposal in wetlands or water. New dredging greater than 25,000 cy or any amount in or affecting special aquatic sites ⁷ .
(d) MOORINGS	-- Private, non-commercial, non-rental single boat moorings not associated with any boating facility? ⁹ provided not located in a Federal Navigation Project, there is no interference with navigation, it is not located in vegetated shallows ⁶ , and it is within ¼ mile of the owner's residence or a public access point ¹⁰ . -- Minor relocation or previously authorized mooring and moored floats consistent with Harbormaster recommendations, provided it is also consistent with local regulations, is not located in vegetated shallows, and does not interfere with navigation.	Moorings that do not meet the terms of Category I (e.g., rental or service moorings) and moorings that meet the terms of Category I that are located in a Federal anchorage.	Moorings within the horizontal limits, or with moored vessels that extend, into the horizontal limits of a Federal Navigation Project, except those in Federal anchorages under Category II.

⁸Special Aquatic Sites: include wetlands and salt marsh, mudflats, riffles and pools, and vegetated shallows.

? Boating Facilities: facilities that provide, rent, or sell mooring space, such as marinas, yacht, clubs, boat clubs, boat yards, town facilities, dockominiums, etc.

¹⁰ Cannot be at a remote location to create a convenient transient anchorage.

	CATEGORY I	CATEGORY II	INDIVIDUAL PERMIT
(e) PILE-SUPPORTED STRUCTURES AND FLOATS	Reconfiguration of existing authorized docks, provided structures are not positioned over vegetated shallows or salt marsh and provided floats are supported off substrate at low tide. No dredging, addition slips or expansion allowed.	Private piers and floats for navigational access to waterway (seasonal and permanent).	Structures, piers or floats that extend, or with docked/moored vessels that extend, into the horizontal limits of a Federal Navigation Project. Structures, including piers and floats, associated with a new or previously unauthorized boating facility ⁸ .
(f) MISCELLANEOUS	<ul style="list-style-type: none"> -- Temporary buoys, markers, floats, etc., for recreational use during specific events, provided they are removed within 30 days after use is discontinued. -- Coast Guard approved aids to navigation. -- Oil spill clean-up temporary structures or fill. -- Fish/wildlife harvesting structures/fill (as defined by 33 CFR 330, App. A-4) -- Scientific measurement devices and survey activities such as exploratory drilling, surveying or sampling. -- Shellfish seeding (brushing the flats) projects¹¹. -- Does <u>not</u> include oil or gas exploration and fills for roads or construction pads. -- This category excludes work in National Wildlife Refuges. 	<ul style="list-style-type: none"> -- Structures or work in or affecting tidal or navigable waters that are not defined under any or the previous headings. Includes, but is not limited to, utility lines, aerial transmission lines, pipelines, outfalls, boat ramps, bridge fills/abutments, etc. -- Shellfish/finfish (other than Atlantic salmon), or other aquaculture facilities which are consistent with the Corps revised standard siting requirements and standard permit conditions dated 7/6/94, or as revised. 	If EIS required by Corps.

¹¹ Brushing the flats: the placement of tree boughs, wooden lath structures, or small-mesh fencing on mudflats for the purpose of enhancing recruitment of soft-shell clams (*Mya arenaria*).